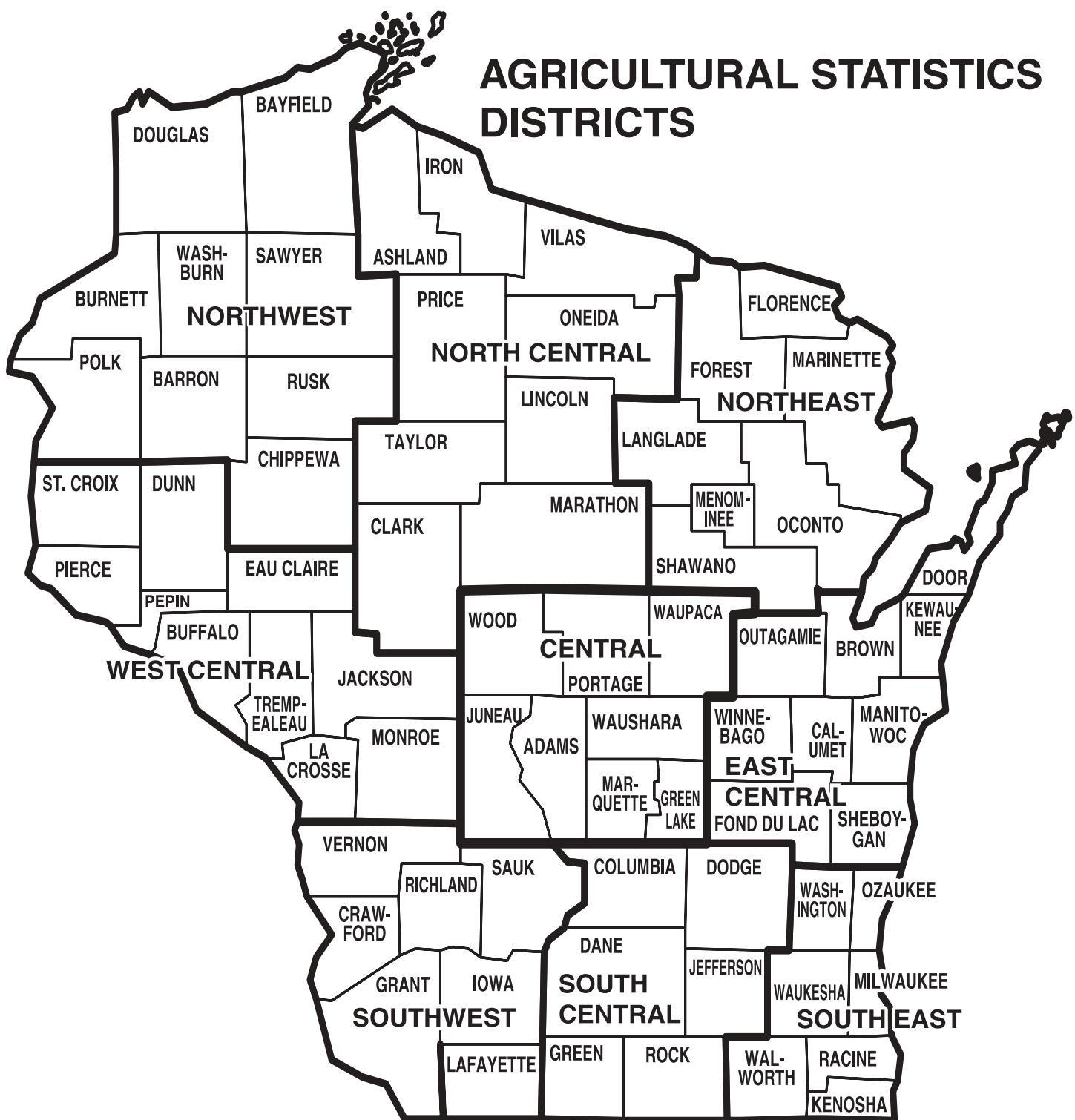


2004 Wisconsin Agricultural Statistics



AGRICULTURAL STATISTICS DISTRICTS





WISCONSIN AGRICULTURAL STATISTICS SERVICE

P.O. Box 8934 Madison, WI 53708-8934

In cooperation with WI Department of Agriculture, Trade and Consumer Protection



A Cooperative Function of

WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

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THE 2004 WISCONSIN AGRICULTURAL STATISTICS

The 2004 issue of *Wisconsin Agricultural Statistics* provides unbiased and accurate data on Wisconsin's crop, livestock, and dairy production. This statistical bulletin is also posted on our website at <http://www.nass.usda.gov/wi/>. The website is updated weekly as new reports become available.

The results of the 2002 Census of Agriculture have been published and are available on our website. The site contains comprehensive information on Wisconsin's agricultural sector at the state and county level. The new Quick Stats feature (under the heading Wisconsin Census of Agriculture - 2002) allows data users to query specific information from the census and county level databases.

This publication would not be possible without the cooperation of thousands of Wisconsin farmers and others who recognize the value of good information and respond to questionnaires and interviews. Thanks also to the dedicated enumerators and office staff who collect and compile the data.

Robert J. Battaglia
Director

November 2004

The Internet address for the National Agricultural Statistics Service Home Page is
<http://www.usda.gov/nass/>

Wisconsin Agricultural Statistics Service Home Page is <http://www.nass.usda.gov/wi/>
Subscription information is under <http://www.nass.usda.gov/sub-form.htm>



State of Wisconsin
Jim Doyle, Governor

Department of Agriculture, Trade and Consumer Protection

Rod Nilsestuen, Secretary

As Secretary of the Wisconsin Department of Agriculture, Trade & Consumer Protection, I have never ceased to be amazed at the diversity of Wisconsin agriculture. We truly are blessed to have family farms of all sizes, diverse farming systems, and a wide array of agricultural products and processors.

Few other states have Wisconsin's agricultural prominence. Wisconsin produces more cheese, cranberries, mink, pheasants, corn for silage, cabbage for kraut, and snap beans for processing than any other state. Wisconsin has more dairy farms than any other state - one-fifth of all the dairy farms in the nation and produces more milk than any other state, except California. Agriculture is important to all Wisconsin's citizens, not just family farmers and food processors. The income and jobs they generate support rural communities across the state. Together, Wisconsin agricultural producers, processors, their suppliers and employees contribute \$51 billion in economic activity to the state each year.

Whether we live in an urban center, a small town, or in the country, all of us enjoy a reliable source of safe and wholesome foods, made possible by advances in science, technology, and farming systems. Wisconsin's open spaces and pastoral agricultural scenes attract tourists and recreational enthusiasts in droves. As importantly, agricultural working lands provide significant environmental services to all citizens, conserving the soil and producing our food while maintaining water quality for this and future generations.

Agriculture faces many challenges. The globalization of commodity markets, changing consumer food preferences, significant consolidation within the food industry, and continued urbanization are changing the face of Wisconsin agriculture. These changes, combined with volatile commodity prices, cause many farmers to struggle and some to exit farming entirely. For these reasons, DATCP, as a part of Governor Jim Doyle's Grow Wisconsin Initiative, is focusing on helping Wisconsin's ag producers and processors to diversify and add more value for greater profits and stability.

Sound and reliable data provide the means to stay on top of these and other trends that are shaping Wisconsin agriculture. Whether you are a policy maker, researcher, food processor, supplier of agricultural inputs, or a family farmer, the data in the Wisconsin 2004 Agricultural Statistics can help you make informed decisions.

It is my sincere hope that you will use this publication as you plan for the future of agriculture in Wisconsin. Whether public or private, wise investment hinges on sound analysis of timely, accurate data.

Sincerely,

Rod Nilsestuen

Secretary
Wisconsin Department of Agriculture, Trade and Consumer Protection



Agriculture generates \$51.5 billion for Wisconsin

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Wisconsin Agriculture and Economics



Cash receipts for agricultural commodities in 2003 rose 6 percent from the previous year. Livestock and products, which is the greatest source of income for Wisconsin farmers, gained 8 percent. Milk, which accounted for 48 percent of total cash receipts, rose 7 percent to \$2.84 billion. The average price for a hundred pounds of milk increased 70 cents from 2002. Sales of cattle and calves were second in importance for value to the state total. Cash receipts for cattle and calves, at \$711 million, rose 13 percent from the previous year. Receipts for hogs jumped 26 percent from 2002 to \$106 million.

Crop cash receipts totaled \$1.78 billion, a rise of 3 percent from a year earlier. Corn, with sales at \$644 million, had the largest share of the 2003 crop total. This total increased 5 percent from 2002 due to a stronger bushel price for corn. Soybean receipts declined 6 percent to \$230 million. The 2003 marketing year average price for soybeans was \$7.11 per bushel, the highest price since 1996, but production dropped 30 percent from 2002. Greenhouse and nursery cash receipts ranked fourth in importance in the state at \$238 million, up 1 percent from the previous year.

Agricultural land sold in Wisconsin during 2003 averaged \$3,268 per acre, a 16 percent rise from the previous year. Agricultural land without buildings and continuing in agricultural use had an average sale price of \$2,137 per acre. This price rose 8 percent from 2002 and 14 percent from 2001. Cropland values (for current farms) for 2004 averaged \$2,350 per acre, up \$150 from 2003. Pasture values, at \$1,200 per acre, increased \$100 from the previous year. Cash rents also rose averaging \$70 per acre for cropland and \$37 for pasture.

The number of farms in Wisconsin declined 500 after remaining steady for two years. The number of farms in the state for 2003 totaled 76,500. The total number of acres of farm land also dipped lower to 15.6 million acres, down 100,000 acres from 2002. The decrease in the number of Wisconsin farms was in the \$10,000 - \$99,999 category. There were two percent fewer farms in this group, at 21,500, down 500 from 2002.

WISCONSIN'S RANK IN THE NATION'S AGRICULTURE, 2003

Commodity	Rank among States	Unit	Production			
			Wisconsin (000)	% of U.S.	United States (000)	Leading State
DAIRY						
Milk production	2	Lbs.	22,266,000	13.1	170,312,000	California
Butter	2	Lbs.	309,264	24.9	1,242,358	California
Cheese, total (excluding cottage cheese)	1	Lbs.	2,276,648	26.5	8,597,976	Wisconsin
American	1	Lbs.	828,438	22.6	3,669,509	Wisconsin
Swiss	2	Lbs.	35,776	13.5	264,807	Ohio
Limburger	1	Lbs.	712	100.0	712	Wisconsin
Brick and Muenster	1	Lbs.	60,330	67.6	89,290	Wisconsin
Mozzarella	2	Lbs.	776,996	27.7	2,806,099	California
Italian	1	Lbs.	1,031,859	29.3	3,522,049	Wisconsin
Cottage cheese						
4% or more milkfat	10	Lbs.	9,455	2.5	385,176	New York
Less than 4% milkfat	6	Lbs.	11,809	3.1	380,033	New York
Whey products						
Dry whey	1	Lbs.	326,670	30.1	1,086,343	Wisconsin
Lactose	n.a.	Lbs.	119,412	20.3	588,455	n.a.
LIVESTOCK AND POULTRY						
Cattle and calves 1/, all	9	Head	3,350	3.5	94,882	Texas
Milk cows 1/	2	Head	1,245	13.8	8,991	California
Hogs and pigs 2/, all	16	Head	490	0.8	60,040	Iowa
Sheep 1/	19 5/	Head	83	1.4	6,090	Texas
Equine 3/	22 6/	Head	120	2.3	5,317	Texas
Chickens 2/	21	Head	5,500	1.2	448,748	Iowa
Broilers	19	Head	34,400	0.4	8,266,500	Georgia
Trout, sold 12" or longer	8	Lbs.	441	0.9	50,716	Idaho
Mink pelts	1	Pelts	706	27.7	2,549	Wisconsin
Honey	8	Lbs.	5,698	3.1	181,096	California
Eggs	19	Eggs	1,137,000	1.3	87,196,000	Iowa
CROPS						
Corn for grain	8	Bu.	367,650	3.6	10,113,887	Iowa
Corn for silage	1	Tons	14,080	13.3	105,864	Wisconsin
Oats	4	Bu.	15,410	10.7	144,649	North Dakota
Soybeans	15	Bu.	46,760	1.9	2,453,665	Illinois
Wheat, all	23	Bu.	12,300	0.5	2,336,526	Kansas
Barley	16	Bu.	1,925	0.7	276,087	North Dakota
Hay (dry only), all	15	Tons	4,380	2.8	157,123	Texas
Potatoes, all	3	Cwt.	32,800	7.2	457,814	Idaho
Tobacco	11	Lbs.	4,255	0.5	802,654	North Carolina
Dry edible beans	16	Cwt.	124	0.6	22,515	North Dakota
Cherries, tart	4	Lbs.	13,300	5.9	226,500	Michigan
Apples	12	Lbs.	68,000	0.8	8,613,300	Washington
Strawberries	10	Cwt.	45	0.2	20,811	California
Maple syrup 4/	4	Gals.	100	6.6	1,507	Vermont
Cranberries	1	Bbl.	3,607	58.3	6,183	Wisconsin
Mint for oil	5	Lbs.	241	2.8	8,702	Washington
Carrots, all	3	Tons	96.0	21.6	444.6	Washington
Onions	12	Cwt.	690	1.0	69,695	California
Cabbage for fresh market	9	Cwt.	989	4.4	22,364	California
Sweet corn for fresh market	12	Cwt.	629	2.2	28,982	Florida
Sweet corn for processing	3	Tons	681.4	20.9	3,266.1	Minnesota
Green peas for processing	3	Tons	84.3	18.0	467.7	Minnesota
Snap beans for processing	1	Tons	270.8	37.2	727.6	Wisconsin
Cucumbers for pickles	5	Tons	36.1	5.6	648.4	Michigan

1/January 1, 2004 inventory. 2/December 1, 2003 inventory. 3/January 1, 1999 inventory. 4/Data for 2004. 5/Tied with Michigan. 6/Tied with Oregon. Wisconsin's rank is not available for these commodities. N.a. = not available.

NUMBER OF FARMS AND LAND IN FARMS
Wisconsin, 1999-2003 1/

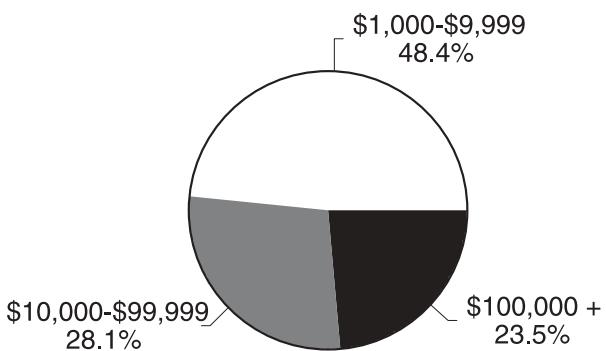
Year	Number of farms	Land in farms	Average size of farm
	Number	Acres	Acres
1999	78,000	16,200,000	208
2000	77,500	16,000,000	206
2001	77,000	15,800,000	205
2002	77,000	15,700,000	204
2003	76,500	15,600,000	204

1/A farm is defined as "any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year".

FARMS BY ECONOMIC SALES CLASS

Wisconsin, 2003

Percent of Farms



FARMS BY ECONOMIC SALES CLASS: Wisconsin, 2002-2003

Economic class gross value of sales	Number of farms		Land in farms		Average size of farms	
	2002	2003	2002	2003	2002	2003
	Number		Thousand acres		Acres	
\$1,000-\$9,999	37,000	37,000	3,000	3,000	81	81
\$10,000-\$99,999	22,000	21,500	4,100	4,100	186	191
\$100,000 +	18,000	18,000	8,600	8,500	478	472
Total	77,000	76,500	15,700	15,600	204	204

AGRICULTURAL LAND VALUES: Average Value Per Acre, Wisconsin, 2000-2004 1/

Year	Farm real estate 2/	Cropland	Pasture
	Dollars per acre		
2000	1,700	1,600	825
2001	1,950	1,800	950
2002	2,150	2,000	1,050
2003	2,300	2,200	1,100
2004	2,500	2,350	1,200

1/Value at which the land could be sold under current market conditions. 2/Value includes land and buildings.

AGRICULTURAL CASH RENTS
Wisconsin, 2000-2004

Year	Cropland rented for cash	Pasture rented for cash
	Dollars per acre	
2000	65.00	38.00
2001	66.00	36.00
2002	67.00	36.00
2003	68.00	36.00
2004	70.00	37.00

FARM COMPUTER USAGE
Wisconsin, 1997-2003

Year	Farms with computer access	Farms using computers for farm business	Farms with Internet access
	Percent		
1997	36	19	9
1999	50	24	33
2001	61	31	46
2003	62	31	51

CASH RECEIPTS FROM FARM MARKETINGS: By Commodities, Wisconsin, 1999-2003 1/

Commodity	1999		2000		2001		2002		2003 2/	
	Thousand dollars	% of total								
All commodities	5,556,488		5,366,655		5,931,499		5,520,802		5,876,052	
Livestock, dairy, & poultry	4,193,688	75.5	3,869,650	72.1	4,519,941	76.2	3,792,248	68.7	4,093,706	69.7
Meat animals	701,021	12.6	816,715	15.2	839,680	14.2	716,622	13.0	823,624	14.0
Cattle and calves	600,175	10.8	700,966	13.1	707,049	11.9	627,622	11.4	711,340	12.1
Hogs	96,133	1.7	110,089	2.1	127,958	2.2	83,915	1.5	105,936	1.8
Sheep and lambs	4,713	0.1	5,660	0.1	4,673	0.1	5,085	0.1	6,348	0.1
Milk	3,146,262	56.6	2,688,309	50.1	3,244,752	54.7	2,662,650	48.2	2,838,258	48.3
Poultry and eggs	229,454	4.1	236,189	4.4	256,750	4.3	227,521	4.1	249,351	4.2
Broilers	57,204	1.0	50,184	0.9	53,703	0.9	43,590	0.8	54,180	0.9
Eggs	35,741	0.6	48,898	0.9	51,458	0.9	49,312	0.9	55,618	0.9
Miscellaneous livestock	116,951	2.1	128,437	2.4	178,759	3.0	185,455	3.4	182,473	3.1
Honey	4,080	0.1	5,141	0.1	4,450	0.1	8,911	0.2	8,205	0.1
Aquaculture	1,689	*	1,732	*	1,833	*	1,760	*	1,677	*
Mink pelts	19,852	0.4	24,658	0.5	23,123	0.4	22,512	0.4	20,961	0.4
All crops	1,362,800	24.5	1,497,006	27.9	1,411,558	23.8	1,728,553	31.3	1,782,346	30.3
Field crops	760,652	13.7	849,758	15.8	696,381	11.7	971,390	17.6	994,166	16.9
Wheat	18,103	0.3	20,373	0.4	28,250	0.5	37,764	0.7	38,780	0.7
Corn	516,274	9.3	565,828	10.5	451,899	7.6	611,702	11.1	643,653	11.0
Hay	39,534	0.7	46,647	0.9	51,861	0.9	60,533	1.1	65,319	1.1
Oats	9,173	0.2	5,221	0.1	6,007	0.1	9,702	0.2	7,608	0.1
Tobacco	6,335	0.1	4,198	0.1	3,496	0.1	5,971	0.1	6,680	0.1
Soybeans	168,257	3.0	204,917	3.8	153,340	2.6	244,247	4.4	230,397	3.9
All vegetables	342,122	6.2	393,583	7.3	382,586	6.5	378,344	6.9	380,751	6.5
Beans, dry	3,066	0.1	2,822	0.1	2,547	*	2,107	*	2,868	*
Potatoes	142,240	2.6	189,028	3.5	186,466	3.1	194,340	3.5	179,774	3.1
Snap beans	32,882	0.6	34,802	0.6	28,008	0.5	35,872	0.6	30,389	0.5
Cabbage, fresh	8,177	0.1	8,096	0.2	5,882	0.1	7,020	0.1	9,593	0.2
Carrots, fresh	6,324	0.1	6,759	0.1	5,025	0.1	6,681	0.1	6,300	0.1
Sweet corn, fresh	9,506	0.2	10,412	0.2	11,400	0.2	10,311	0.2	14,467	0.2
Sweet corn, processing	39,131	0.7	37,715	0.7	43,287	0.7	33,520	0.6	42,471	0.7
Cucumbers	5,643	0.1	7,305	0.1	5,870	0.1	5,366	0.1	6,422	0.1
Onions	5,523	0.1	4,621	0.1	3,515	0.1	4,755	0.1	6,228	0.1
Peas	19,366	0.3	21,464	0.4	16,249	0.3	13,505	0.2	17,373	0.3
Fruits	83,223	1.5	70,720	1.3	83,037	1.4	124,037	2.2	152,615	2.6
Apples	8,916	0.2	17,151	0.3	15,235	0.3	13,856	0.3	18,838	0.3
Cherries	1,561	*	2,211	*	2,654	*	2,048	*	5,481	0.1
Cranberries	66,118	1.2	45,192	0.8	58,428	1.0	101,615	1.8	121,381	2.1
Strawberries	5,148	0.1	4,576	0.1	5,060	0.1	4,988	0.1	5,265	0.1
All other crops	176,804	3.2	182,945	3.4	249,553	4.2	254,781	4.6	254,814	4.3
Maple products	1,778	*	1,800	*	1,986	*	2,315	*	2,212	*
Peppermint	4,164	0.1	3,308	0.1	3,255	0.1	3,245	0.1	1,622	*
Spearmint	2,197	*	1,782	*	1,648	*	1,089	*	774	*
Greenhouse & nursery	165,360	3.0	172,001	3.2	228,084	3.8	234,459	4.2	237,827	4.0

*Less than .05 percent of all commodities. 1/USDA estimates and publishes individual cash receipt values only for major commodities. The U.S. receipts for individual commodities may underestimate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of estimation error in some of the minor commodities can be substantial. Percents of total may not add due to machine rounding. 2/Preliminary. Source: Economic Research Service.

FARM INCOME INDICATIONS: Wisconsin, 1999-2003 1/

Item	1999	2000	2001	2002	2003
Thousand dollars					
Value of crop production	1,487,582	1,362,228	1,417,892	1,816,884	1,688,685
Food grains	18,931	20,891	28,550	38,047	39,123
Feed crops	566,366	619,045	510,619	682,807	717,576
Oil crops	169,020	205,624	153,716	244,565	230,787
Tobacco	6,335	4,198	3,496	5,971	6,680
Fruits and tree nuts	83,223	70,720	83,037	124,037	152,615
Vegetables	342,122	393,583	382,586	378,344	380,751
All other crops	176,804	182,945	249,553	254,781	254,814
Home consumption	9,738	10,185	9,792	7,421	7,658
Value of inventory adjustment 2/	115,042	-144,962	-3,457	80,912	-101,319
Value of livestock production	4,194,759	3,831,296	4,470,012	3,845,161	4,094,337
Meat animals	701,021	816,715	839,680	716,622	823,624
Dairy products	3,146,262	2,688,309	3,244,752	2,662,650	2,838,258
Poultry and eggs	229,454	236,189	256,750	227,521	249,351
Miscellaneous livestock	116,951	128,437	178,759	185,455	182,473
Home consumption	5,492	4,026	3,603	2,730	2,818
Value of inventory adjustment 2/	-4,421	-42,380	-53,532	50,183	-2,187
Revenues from services and forestry	821,982	875,927	1,009,787	938,710	972,685
Machine hire and customwork	64,286	50,809	93,867	56,458	84,033
Forest products sold	161,000	160,000	151,682	151,700	150,000
Other farm income	183,484	193,728	264,460	192,809	192,503
Gross imputed rental value of farm dwellings	413,212	471,390	499,778	537,743	546,149
Value of agricultural sector production	6,504,322	6,069,452	6,897,691	6,600,756	6,755,707
Purchased inputs	3,219,514	3,306,528	3,584,302	3,384,871	3,164,223
Farm origin	1,010,918	1,037,765	1,074,003	1,003,376	1,137,516
Feed purchased	702,614	709,022	731,973	637,089	782,344
Livestock and poultry purchased	66,451	77,625	76,196	86,362	83,157
Seed purchased	241,853	251,118	265,834	279,925	272,015
Manufactured inputs	748,218	825,959	859,885	843,825	700,904
Fertilizers and lime	251,447	266,902	291,281	259,605	244,804
Pesticides	214,454	227,971	220,592	229,198	181,127
Petroleum fuel and oils	160,918	208,410	210,993	203,791	181,581
Electricity	121,399	122,676	137,019	151,231	93,392
Other purchased inputs	1,460,378	1,442,804	1,650,414	1,537,670	1,325,803
Repair and maintenance of capital items	450,561	426,020	589,422	554,333	478,352
Machine hire and customwork	111,073	116,424	186,847	75,166	108,582
Marketing, storage, and transportation expenses	182,434	198,014	162,379	160,062	119,239
Contract labor	11,112	9,532	15,155	10,476	13,903
Miscellaneous expenses	705,198	692,814	696,611	737,633	605,727
Net government transactions	151,436	243,608	62,914	14,514	167,120
Direct Government payments	503,046	603,213	415,110	330,604	484,302
Motor vehicle registration & licensing fees	13,436	12,518	14,455	12,038	7,192
Property taxes	338,174	347,087	337,741	304,052	309,990
Gross value added	3,436,244	3,006,532	3,376,303	3,230,399	3,758,604
Capital consumption	866,794	920,646	959,886	969,854	965,153
Net value added	2,569,450	2,085,886	2,416,417	2,260,545	2,793,451
Payments to stakeholders	1,233,669	1,329,722	1,272,277	1,252,902	1,167,470
Employee compensation					
-total hired labor	546,432	619,822	608,097	605,417	517,237
Net rent received by nonoperator landlords	197,978	184,630	184,429	198,959	195,450
Real estate & nonreal estate interest	489,259	525,270	479,751	448,526	454,783
Net farm income	1,335,781	756,164	1,144,140	1,007,643	1,625,981

1/Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors of production, regardless of ownership. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. 2/A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. Source: Economic Research Service, USDA.

FARM BUSINESS BALANCE SHEET: Wisconsin, December 31, 1998-2002

Item	1998	1999	2000	2001	2002
Thousand dollars					
Farm assets	27,925,032	32,405,516	36,065,214	38,305,768	40,780,320
Real estate	18,092,265	22,312,524	26,087,991	27,696,210	30,187,532
Livestock and poultry 1/	2,866,996	3,217,654	3,045,446	3,624,500	3,324,920
Machinery and motor vehicles 2/	3,730,807	3,732,618	3,730,927	3,871,447	3,910,669
Crops 3/	1,147,081	1,022,401	854,243	760,874	917,642
Purchased inputs	281,746	225,202	273,875	235,648	315,063
Financial	1,806,138	1,895,118	2,072,731	2,117,090	2,124,493
Farm debt 4/	5,547,836	5,645,763	5,982,824	6,288,468	6,531,705
Real estate	2,653,318	2,790,882	2,890,177	3,042,232	3,268,146
Farm Credit System	710,613	745,857	765,891	847,468	975,427
Farm Service Agency	99,047	92,466	88,740	87,251	82,906
Commercial banks	1,110,988	1,216,193	1,312,246	1,370,682	1,457,895
Life insurance companies	71,713	76,692	70,345	71,312	72,684
Individuals and others	660,957	659,673	652,957	665,519	679,234
CCC storage & drying loans	0	0	0	0	0
Nonreal estate	2,894,517	2,854,881	3,092,647	3,246,236	3,263,559
Farm Credit System	810,909	770,791	852,372	982,217	1,008,048
Farm Service Agency	158,158	163,548	164,411	166,266	159,138
Commercial banks	1,318,685	1,292,541	1,402,013	1,407,354	1,386,052
Individuals and others	606,764	628,001	673,851	690,399	710,321
Equity	22,377,197	26,759,753	30,082,390	32,017,300	34,248,614
Ratio:					
Debt/equity	24.8	21.1	19.9	19.6	19.1
Debt/assets	19.9	17.4	16.6	16.4	16.0

1/Excludes horses, mules, and broilers. 2/Includes only farm share value for trucks and autos. 3/All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 4/Excludes debt for nonfarm purposes. Source: Economic Research Service, USDA.

**SUMMARY BY MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD
Census of Agriculture, Wisconsin, 2002**

Item	All farms	Farms with sales of \$10,000 to \$99,999	Farms with sales of \$100,000 or more
All operators	77,131	21,533	13,930
Full owners	52,370	11,896	3,722
Part owners	21,205	8,152	9,352
Tenants	3,556	1,485	856
Operators by age groups			
Under 25 years	625	251	159
25 to 34 years	4,380	1,390	1,095
35 to 44 years	17,298	4,806	4,061
45 to 49 years	11,361	3,034	2,532
50 to 54 years	11,049	2,916	2,072
55 to 59 years	9,107	2,533	1,548
60 to 64 years	7,476	2,181	1,087
65 to 69 years	5,903	1,729	668
70 years and over	9,932	2,693	708
Average age	53.0	52.7	49.8
Male operators	69,778	20,179	13,536
Female operators	7,353	1,354	394
White	76,846	21,473	13,906
Black, American Indian, and other races	285	60	24
Operators of Spanish, Hispanic or Latino origin	523	161	71

**FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)
Census of Agriculture, Wisconsin, 2002**

Item	All farms	Farms with sales of \$10,000 to \$99,999	Farms with sales of \$100,000 or more
Oilseed and grain farming	12,542	5,502	1,679
Vegetable and melon farming	1,317	617	316
Fruit and tree nut farming	1,027	327	211
Greenhouse, nursery and floriculture production	2,284	711	353
Tobacco farming	188	63	0
Hay farming, and other crop farming	20,943	2,278	224
Beef cattle ranching and farming	9,852	2,864	772
Cattle feedlots	3,749	1,551	410
Dairy cattle and milk production	16,096	6,527	9,424
Hog and pig farming	759	195	158
Poultry & egg production	910	81	177
Sheep and goat farming	1,117	166	12
Animal aquaculture and other animal production	6,347	651	194

**INDEX NUMBERS: Prices Received by Farmers
United States, 1999-2003**

Index	1999	2000	2001	2002	2003
1990-92 = 100					
All farm products	96	96	102	98	107
All crops	97	96	99	105	111
Food grains	91	85	91	104	108
Feed grains & hay	86	86	91	100	104
Cotton	85	82	64	56	85
Tobacco	102	107	107	108	107
Oil-bearing crops	83	85	80	88	107
Fruit and nuts	115	98	109	105	106
Commercial vegetables	110	121	133	137	138
Potatoes and dry beans	100	93	98	129	103
Other crops	108	110	112	114	114
Livestock and products	95	97	106	90	103
Meat animals	83	94	97	87	103
Dairy products	110	94	115	93	96
Poultry and eggs	110	106	115	94	110
Food commodities	96	97	105	97	107

**INDEX NUMBERS: Prices Paid by Farmers,
United States, 1999-2003**

Index	1999	2000	2001	2002	2003
1990-92 = 100					
Prices paid 1/	115	120	123	124	128
Production items	111	116	120	119	124
Feed	100	102	109	112	113
Livestock & poultry	95	110	111	102	109
Seed	122	124	132	142	154
Fertilizer	105	110	123	108	124
Agricultural chemicals	121	120	121	119	121
Fuels	93	134	119	112	140
Supplies & repairs	121	124	128	131	134
Autos and trucks	119	119	118	116	115
Farm machinery	135	139	144	148	150
Building materials	120	121	121	122	124
Farm services	116	119	121	120	123
Rent	113	110	117	119	120
Interest	106	113	109	104	104
Taxes	120	123	124	126	128
Wage rates	135	140	146	153	157
Production, interest, taxes & wage rates	113	118	122	121	126
Family living-CPI 2/	124	128	131	133	136

1/Prices paid by farmers for commodities & services, interest, taxes, & wage rates. 2/Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by USDA.

**PRICES PAID: Feed Prices
Lake States Region 1/, April 2000-2004**

Commodity	2000	2001	2002	2003	2004
Dollars per cwt.					
Corn meal	6.50	5.82	6.94	5.80	9.84
Soybean meal, 44% protein	10.90	11.00	11.50	11.70	19.60
Dollars per ton					
Dairy feed, 16% protein 32-30% protein concentrate	167.00	184.00	184.00	190.00	218.00
	295.00	303.00	310.00	313.00	381.00

1/Lake States: MI, MN, WI.

**PRICES PAID: Fuel Prices
Lake States Region 1/, April 2000-2004**

Commodity	2000	2001	2002	2003	2004
Dollars per gallon					
Gasoline, unleaded Service station 2/ Bulk delivery 2/	1.43 1.48	1.44 1.48	1.41 1.40	1.61 1.64	1.74 1.76
Diesel fuel, bulk delivery 3/ L.P. gas, bulk delivery 3/	1.12 0.89	1.15 1.16	1.00 0.91	1.28 1.20	1.32 1.14

1/Lake States: MI, MN, WI. 2/Includes all taxes. 3/Excludes all taxes.

**PRICES PAID: Fertilizer Prices
North Central Region 1/, April 2000-2004**

Commodity	2000	2001	2002	2003	2004
Dollars per ton					
Anhydrous Ammonia	231	408	254	368	387
Nitrogen solution 28%	121	202	134	164	175
Superphosphate	227	229	215	238	261
Muriate of Potash	162	167	161	162	178
9-23-30	202	208	194	212	228
10-20-10	202	202	187	209	219
10-34-0	244	261	240	259	266
Urea	197	284	189	255	277

1/North Central States: IL, IN, IA, MI, MN, MO, and WI.

FARM PRODUCTION EXPENDITURES

Expenditure - farm share	Lake States Region 1/				United States 2/			
	Average per farm 3/		Total expenditures		Average per farm 3/		Total expenditures	
	2002	2003	2002	2003	2002	2003	2002	2003
	Dollars		Million dollars		Dollars		Million dollars	
Total farm production expenditures 4/ 5/	91,731	91,945	19,080	19,290	89,722	93,785	193,100	198,900
Livestock, poultry & related expenses 6/	5,913	6,435	1,230	1,350	8,503	8,959	18,300	19,000
Feed	10,144	12,583	2,110	2,640	11,570	12,731	24,900	27,000
Farm services 7/	12,356	11,010	2,570	2,310	12,452	12,637	26,800	26,800
Rent 8/	7,596	7,340	1,580	1,540	7,527	7,733	16,200	16,400
Agricultural chemicals 9/	4,279	4,194	890	880	3,857	3,961	8,300	8,400
Fertilizer, lime & soil conditioners 9/	4,615	5,100	960	1,070	4,461	4,715	9,600	10,000
Interest	5,481	4,957	1,140	1,040	4,879	4,385	10,500	9,300
Taxes (real estate & property)	4,183	4,051	870	850	3,160	3,206	6,800	6,800
Labor	8,462	7,912	1,760	1,660	9,990	9,996	21,500	21,200
Fuels	3,269	3,289	680	690	3,020	3,159	6,500	6,700
Farm supplies & repairs 10/	7,308	6,721	1,520	1,410	5,669	5,187	12,200	11,000
Farm improvements & construction 11/, 12/	4,856	5,052	1,010	1,060	3,717	5,422	8,000	11,500
Tractors and self-propelled farm machinery	3,317	3,146	690	660	2,881	3,065	6,200	6,500
Other farm machinery	2,500	2,383	520	500	1,719	1,839	3,700	3,900
Seeds & plants 13/	5,817	5,767	1,210	1,210	4,135	4,385	8,900	9,300
Trucks & autos	1,346	1,573	280	330	1,951	2,122	4,200	4,500

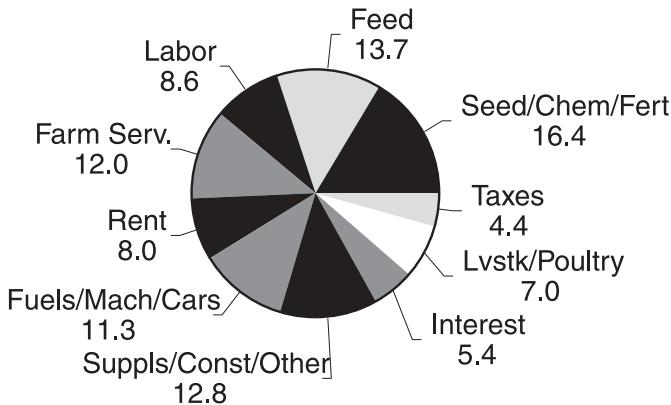
1/Lake States region consists of Michigan, Minnesota, and Wisconsin. 2/Excludes Alaska and Hawaii. 3/Total expenditures divided by total number of farms. 4/Total includes production costs not allocated to any of the sixteen expense categories published. 5/Includes landlord and contractor share of farm production expenses. 6/Includes purchases and leasing of livestock and poultry. 7/Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. 8/Includes public and private grazing fees. 9/Includes material and application costs. 10/Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capitaequip-ment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. 11/Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. 12/Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. 13/Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

Source: USDA, Wisconsin Agricultural Statistics Service.

Farm Production Expenditures

Lake States Region, 2003

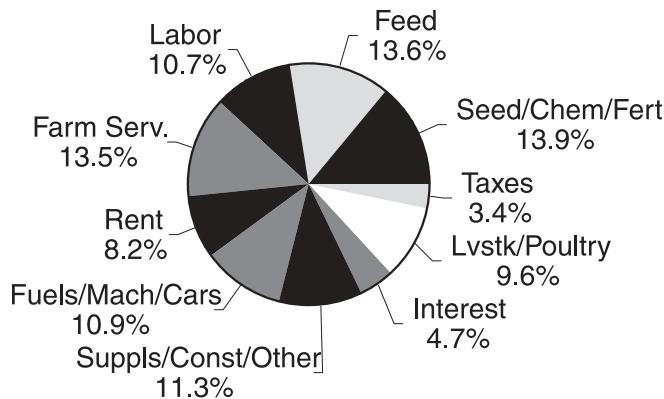
Percent of Total Farm Outlay



Farm Production Expenditures

United States, 2003

Percent of Total Farm Outlay



AGRICULTURAL LAND SALES: Land Without Buildings and Improvements, Wisconsin, 2003

County	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land		
	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre
Barron	38	2,415	1,201	23	915	1,433	61	3,330	1,264
Bayfield	5	226	844	7	152	932	12	378	879
Burnett	5	254	1,431	14	223	1,230	19	477	1,337
Chippewa	28	2,136	1,165	16	453	1,755	44	2,589	1,268
Douglas	5	270	707	3	99	1,066	8	369	803
Polk	29	1,210	1,978	21	459	1,871	50	1,669	1,949
Rusk	10	467	835	24	588	795	34	1,055	813
Sawyer	—	—	—	10	266	1,245	10	266	1,245
Washburn	5	183	1,371	6	165	1,097	11	348	1,241
NW District	125	7,161	1,280	124	3,320	1,345	249	10,481	1,301
Ashland	3	266	652	8	325	693	11	591	675
Clark	44	2,478	976	17	445	1,280	61	2,923	1,022
Iron	—	—	—	1	30	900	1	30	900
Lincoln	6	244	1,199	13	211	1,386	19	455	1,286
Marathon	43	2,480	1,357	25	888	2,399	68	3,368	1,631
Oneida	2	167	1,285	4	99	1,453	6	266	1,347
Price	4	195	667	14	359	909	18	554	824
Taylor	23	1,185	744	30	666	817	53	1,851	770
Vilas	—	—	—	—	—	—	—	—	—
NC District	125	7,015	1,065	112	3,023	1,409	237	10,038	1,169
Florence	—	—	—	6	58	1,313	6	58	1,313
Forest	—	—	—	1	26	1,423	1	26	1,423
Langlade	8	504	1,056	10	173	1,204	18	677	1,094
Marinette	5	159	1,606	6	91	1,437	11	250	1,545
Oconto	10	430	1,667	6	360	2,366	16	790	1,985
Shawano	22	1,006	1,838	24	653	1,847	46	1,659	1,841
NE District	45	2,099	1,597	53	1,361	1,844	98	3,460	1,694
Buffalo	20	1,132	1,462	24	557	1,516	44	1,689	1,480
Dunn	28	1,610	1,782	38	1,145	1,783	66	2,755	1,782
Eau Claire	14	688	1,518	8	291	1,577	22	979	1,535
Jackson	11	600	1,181	18	296	1,319	29	896	1,227
La Crosse	5	163	2,507	18	695	4,647	23	858	4,240
Monroe	17	823	1,542	14	380	2,483	31	1,203	1,840
Pepin	5	204	1,626	3	143	1,822	8	347	1,707
Pierce	9	825	1,765	15	578	4,449	24	1,403	2,871
St. Croix	17	1,030	2,640	34	2,137	6,319	51	3,167	5,123
Trempealeau	14	879	1,315	14	701	1,332	28	1,580	1,323
WC District	140	7,954	1,712	186	6,923	3,637	326	14,877	2,608
Adams	3	230	1,162	9	329	1,571	12	559	1,403
Green Lake	11	850	2,595	—	—	—	11	850	2,595
Juneau	9	734	1,562	12	223	1,696	21	957	1,593
Marquette	12	397	1,908	—	—	—	12	397	1,908
Portage	10	615	1,388	12	256	1,676	22	871	1,473
Waupaca	19	886	1,879	6	68	2,384	25	954	1,915
Waushara	15	651	2,075	—	—	—	15	651	2,075
Wood	6	461	881	7	272	1,153	13	733	982
C District	85	4,824	1,794	46	1,148	1,568	131	5,972	1,750
Brown	1	100	2,500	19	1,237	21,735	20	1,337	20,297
Calumet	21	1,239	2,834	—	—	—	21	1,239	2,834
Door	6	290	2,028	10	355	3,629	16	645	2,909
Fond du Lac	23	1,510	2,238	6	232	4,199	29	1,742	2,499
Kewaunee	12	555	2,150	3	40	1,963	15	595	2,138
Manitowoc	17	1,128	1,926	1	12	3,100	18	1,230	1,938
Outagamie	10	592	2,630	19	1,275	9,607	29	1,867	7,395
Sheboygan	14	692	2,416	8	386	7,123	22	1,078	4,101
Winnebago	10	664	3,023	3	199	13,147	13	863	5,357
EC District	114	6,860	2,406	69	3,736	12,548	183	10,596	5,982

AGRICULTURAL LAND SALES: Land Without Buildings and Improvements, Wisconsin, 2003, Continued

County	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land		
	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre
Crawford	4	184	1,251	15	466	1,991	19	650	1,782
Grant	19	1,854	1,879	29	1,019	2,785	48	2,873	2,200
Iowa	51	3,658	2,092	3	116	4,403	54	3,774	2,163
Lafayette	38	3,675	2,144	1	57	2,600	39	3,732	2,151
Richland	10	676	1,669	18	519	1,599	28	1,195	1,639
Sauk	48	2,012	2,290	2	129	7,260	50	2,141	2,589
Vernon	22	1,375	1,387	22	554	1,512	44	1,929	1,423
SW District	192	13,434	2,002	90	2,860	2,458	282	16,294	2,082
Columbia	31	2,183	3,124	20	799	3,456	51	2,982	3,213
Dane	27	1,397	4,138	13	1,005	16,612	40	2,402	9,357
Dodge	43	3,373	2,895	11	421	3,246	54	3,794	2,934
Green	29	3,244	2,404	6	412	5,698	35	3,656	2,775
Jefferson	17	1,325	2,642	2	114	8,070	19	1,439	3,072
Rock	21	1,940	3,615	3	419	3,950	24	2,359	3,675
SC District	168	13,462	3,022	55	3,170	8,121	223	16,632	3,994
Kenosha	3	212	7,765	5	363	27,484	8	575	20,214
Milwaukee	—	—	—	3	149	31,675	3	149	31,675
Ozaukee	5	253	4,829	2	89	9,330	7	342	6,000
Racine	11	733	4,740	5	331	9,649	16	1,064	6,267
Walworth	18	1,390	4,420	9	359	11,603	27	1,749	5,894
Washington	6	274	5,416	5	175	11,017	11	449	7,599
Waukesha	—	—	—	18	1,197	17,625	18	1,197	17,625
SE District	43	2,862	4,881	47	2,663	17,240	90	5,525	10,838
State	1,037	65,671	2,137	782	28,204	5,807	1,819	93,875	3,239

AGRICULTURAL LAND SALES: Wisconsin, 1999-2003

Year	Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			Total of all agricultural land		
	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre
Land without buildings and improvements									
1999	1,336	74,535	1,324	759	30,218	2,929	2,095	104,753	1,787
2000	1,207	65,843	1,633	754	31,730	3,933	1,961	97,573	2,381
2001	1,069	57,785	1,867	609	25,633	3,550	1,678	83,415	2,384
2002	1,199	67,550	1,982	609	26,110	4,324	1,808	93,660	2,635
2003	1,037	65,671	2,137	782	28,204	5,807	1,819	93,875	3,239
Land with buildings and improvements									
1999	1,125	105,697	1,762	573	34,025	2,519	1,698	139,722	1,946
2000	1,004	87,757	1,927	471	25,101	2,919	1,475	112,858	2,148
2001	905	68,622	2,223	384	23,704	3,337	1,289	92,326	2,509
2002	862	65,048	2,531	333	18,384	4,782	1,195	83,432	3,030
2003	768	67,536	2,814	418	18,853	5,040	1,186	86,389	3,300
Total									
1999	2,461	180,232	1,581	1,332	64,243	2,712	3,793	244,475	1,878
2000	2,211	153,600	1,802	1,225	56,831	3,485	3,436	210,431	2,256
2001	1,974	126,404	2,060	993	49,337	3,448	2,967	175,741	2,450
2002	2,061	132,598	2,251	942	44,494	4,514	3,003	177,092	2,821
2003	1,805	133,207	2,480	1,200	47,057	5,500	3,005	180,264	3,268

Source: Wisconsin Department of Revenue, Bureau of Equalization.

Crops

One of the driest August's in Wisconsin's history had a major impact on fall crops. Corn and soybean yields fell due to lack of moisture during pollination and grain fill stages. Hay and pastures suffered, and late season regrowth was minimal. Additionally, severe winterkill of hay crops in northern Wisconsin caused many fields to be reseeded or planted to other crops.

On the other hand, small grains and irrigated vegetables had excellent yields in 2003. Low moisture levels came too late in the season to have much effect on these crops.

The 2003 crop year also had cooler than normal weather from April through June, which delayed the planting season and slowed the vegetative growth of most crops. Warmer than normal temperatures during August and September speeded up the maturing and harvesting of crops. Harvest weather was generally favorable.

Corn planted for all purposes totaled 3.75 million acres in 2003. Acres harvested for grain declined slightly to 2.85 million acres, while acres harvested for silage increased to 880,000. To meet forage needs, more acres were harvested for silage because of the decline in hay production. Record silage production, at 14.1 million tons in 2003, was attributed to the 21 percent increase in acres. Wisconsin was ranked as the top producing state for corn silage with 13 percent of the national total. Grain yield decreased from 135 bushels per acre in 2002 to 129 bushels per acre in 2003.

Although Wisconsin planted and harvested record soybean acres in 2003, yields decreased from 44 bushels in 2002 to 28 bushels per acre. This yield was the lowest one since 1988 and the only one in 15 years to be less than 32 bushels per acre. The lack of moisture from late July through August stressed the soybean crop and lowered yields. Increased acreage was not enough to offset the drop in yields.

Over the winter, snow cover was light, and frost levels reached near record levels in some areas of the state. When alfalfa and winter wheat fields came out of dormancy, eager eyes watched as fields greened-up with fears that winterkill could have severely affected the crop. Despite concern over winterkill, winter wheat produced a record yield of 69 bushels per acre. For the second year in a row, Wisconsin acres of alfalfa harvested as dry hay declined. For all cuttings, quantities were lighter than normal across the state.



If you consider the leading processing vegetable states in 2003, Wisconsin ranked third in harvested area and production of the eight selected crops. In terms of total value of processed vegetables, Wisconsin ranked fourth. Wisconsin ranks first in production for processing snap beans with 37 percent of the national total. The Badger state ranks third in the production of processing sweet corn and green peas, behind Minnesota and Washington. Record yields were set in 2003 by green pea, sweet corn, and potato growers. Potato conditions were very good, and there was hardly any threat from diseases. Potato production totaled 32.8 million hundred weight.

Cranberry production continued to increase with record acreage and production during 2003. Wisconsin remained the top producing state with 58 percent of the national production. Both the apple and cherry crops were much better than the previous year.

CROP RECORDS IN WISCONSIN AGRICULTURE

Commodity	Unit	Year 2003	Record high		Record low		Year estimate started
			Quantity	Year 1/	Quantity	Year 1/	
Corn for grain							
Harvested	Acres	2,850,000	3,500,000	1981	478,000	1927	1924
Yield	Bu.	129.0	143.0	1999	24.5	1924	1924
Production	Bu.	367,650,000	437,100,000	1994	13,862,000	1927	1924
Corn for silage							
Harvested	Acres	880,000	1,450,000	1988	570,000	1991	1924
Yield	Tons	16.0	16.5	2000	4.2	1936	1924
Production	Tons	14,080,000	14,080,000	2003	5,557,000	1936	1924
Hay, all (dry only)							
Harvested	Acres	2,100,000	4,263,000	1944	2,050,000	2002	1909
Yield	Tons	2.09	3.49	1982	0.94	1934	1909
Production	Tons	4,380,000	12,770,000	1984	2,846,000	1910	1909
Forage, (dry equivalent)							
Harvested	Acres	3,000,000	4,400,000	1989	3,000,000	2003	1981
Yield	Tons	2.92	4.91	1986	2.19	1988	1981
Production	Tons	8,760,000	18,402,000	1986	8,291,000	1988	1981
Oats							
Harvested	Acres	230,000	2,987,000	1945	195,000	2001	1866
Yield	Bu.	67.0	68.0	2000	22.0	1907	1866
Production	Bu.	15,410,000	156,221,000	1958	12,375,000	1866	1866
Soybeans							
Harvested	Acres	1,670,000	1,670,000	2003	1,000	1927	1924
Yield	Bu.	28.0	47.0	1998	9.0	1925	1924
Production	Bu.	46,760,000	66,880,000	2002	10,000	1927	1924
Wheat, all							
Harvested	Acres	180,000	2,050,000	1878	27,000	1973	1866
Yield	Bu.	68.3	68.3	2003	8.0	1876	1866
Production	Bu.	12,300,000	26,250,000	1873	890,000	1973	1866
Barley							
Harvested	Acres	35,000	929,000	1935	21,000	1974	1866
Yield	Bu.	55.0	64.0	2000	20.5	1936	1866
Production	Bu.	1,925,000	25,548,000	1935	814,000	1973	1866
Potatoes							
Harvested	Acres	80,000	325,000	1922	45,500	1972	1866
Yield	Cwt.	410.0	410.0	2003	25.8	1894	1866
Production	Cwt.	32,800,000	34,000,000	1999	2,306,000	1870	1866
Cranberries							
Harvested	Acres	17,400	17,400	2003	1,200	1900	1900
Yield	Barrels	207.3	216.1	1999	7.5	1908	1900
Production	Barrels	3,607,000	3,607,000	2003	12,000	1908	1900
Green peas, processing							
Harvested	Acres	37,700	151,000	1943	36,300	2001	1918
Yield	Tons	2.24	2.24	2003	0.47	1932	1918
Production	Tons	84,310	177,550	1979	35,620	1932	1918
Sweet corn, processing							
Harvested	Acres	92,100	166,700	1991	2,400	1932	1918
Yield	Tons	7.40	7.40	2003	1.30	1927	1918
Production	Tons	681,420	1,001,750	1994	5,500	1932	1918
Snap beans, processing							
Harvested	Acres	66,200	88,700	1987	1,000	1921	1918
Yield	Tons	4.09	4.39	2002	1.00	1947	1918
Production	Tons	270,840	317,070	2002	1,900	1921	1918

1/These are the latest years that records were achieved. In some cases, these records were equaled in several earlier years.

MONTHLY AND ANNUAL PRECIPITATION: By Selected Stations and Districts, Wisconsin, 2003

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Total	Change from normal
Precipitation (inches)														
NORTHWEST														
Bloomer	0.11	0.71	1.58	3.92	5.52	4.56	3.80	0.20	2.59	1.29	1.68	0.69	26.65	-5.39
Spooner	0.14	0.39	1.44	1.34	4.71	5.36	2.92	1.58	3.33	1.89	1.10	0.88	25.08	-6.96
Bayfield	0.94	0.51	2.81	3.00	4.31	2.50	3.69	2.42	3.66	1.74	2.10	1.01	28.69	-3.35
District	0.17	0.47	1.93	2.53	5.02	4.30	3.79	1.40	3.18	1.63	1.53	0.99	26.94	-5.10
Normal	1.12	0.83	1.78	2.39	3.29	4.19	4.29	4.44	3.89	2.57	2.16	1.09	32.04	
NORTH CENTRAL														
Medford	0.33	0.64	1.57	5.02	4.49	3.37	2.34	3.58	2.29	1.51	1.82	0.84	27.80	-4.64
Rhineland	0.28	1.20	2.23	4.32	2.92	2.46	4.21	1.34	3.30	1.37	2.38	1.13	27.14	-5.30
Wausau	0.26	1.00	1.81	4.44	3.64	3.27	2.01	1.47	2.26	1.04	1.73	1.18	24.11	-8.33
District	0.45	0.92	2.10	3.77	4.73	3.14	2.95	2.17	2.87	1.62	2.13	1.36	28.21	-4.23
Normal	1.25	0.92	1.78	2.40	3.31	4.01	4.06	4.36	4.03	2.73	2.27	1.32	32.44	
NORTHEAST														
Laona	0.41	1.37	2.48	4.31	3.68	2.46	3.07	2.52	4.84	1.55	2.20	1.45	30.34	-1.13
Marinette	0.41	0.95	2.61	3.26	2.73	3.46	3.74	4.40	3.42	1.12	2.55	2.20	30.85	-0.62
Shawano	0.52	0.69	2.08	3.37	3.19	3.86	2.46	3.14	5.05	0.96	3.01	1.61	29.94	-1.53
District	0.38	1.09	2.27	3.76	3.16	3.10	3.31	3.49	4.50	1.19	2.50	1.52	30.27	-1.20
Normal	1.31	0.98	1.98	2.65	3.29	3.69	3.70	3.81	3.74	2.52	2.33	1.47	31.47	
WEST CENTRAL														
Blair	0.35	0.70	2.09	3.22	4.68	3.62	2.87	0.52	2.26	1.08	1.86	0.73	23.98	-9.36
La Crosse	0.53	0.56	2.46	2.48	3.99	2.45	2.51	1.34	2.61	0.55	2.23	0.72	22.43	-10.91
River Falls	0.24	0.53	1.61	2.67	6.15	7.49	3.03	1.26	2.68	1.23	1.16	1.04	29.09	-4.25
District	0.33	0.67	2.04	3.08	5.23	3.34	2.83	1.42	2.53	0.98	2.16	0.94	25.55	-7.79
Normal	1.06	0.87	1.93	3.05	3.69	4.24	4.45	4.54	3.82	2.36	2.19	1.14	33.34	
CENTRAL														
Waupaca	0.71	0.72	1.70	2.89	5.46	3.63	1.96	4.15	4.27	1.06	3.41	1.60	31.56	-1.12
Marshfield	0.36	0.76	1.92	3.13	3.91	2.82	1.52	0.93	2.24	1.14	2.09	0.76	21.58	-11.10
Montello	0.43	0.61	1.26	1.72	5.75	3.34	4.25	2.58	3.91	1.16	5.21	1.51	31.73	-0.95
District	0.56	0.64	1.76	2.12	4.84	3.55	3.14	2.63	3.45	1.18	3.61	1.33	28.81	-3.87
Normal	1.15	1.01	2.07	3.02	3.52	3.88	4.13	4.22	3.72	2.36	2.29	1.31	32.68	
EAST CENTRAL														
Green Bay	0.58	0.56	2.32	2.36	3.17	3.71	4.26	4.15	3.32	1.05	3.83	1.68	30.99	-0.02
Oshkosh	0.59	0.66	1.94	1.36	4.79	3.50	4.37	1.10	4.26	1.41	5.29	1.61	30.88	-0.13
Sheboygan	0.44	0.52	2.06	2.18	4.20	2.00	6.45	1.99	2.12	1.52	6.29	1.60	31.37	0.36
District	0.45	0.66	1.89	2.38	4.08	3.00	4.29	2.84	3.13	1.40	4.72	1.52	30.36	-0.65
Normal	1.44	1.14	2.09	2.81	2.95	3.51	3.38	3.86	3.42	2.43	2.38	1.60	31.01	
SOUTHWEST														
Hillsboro	0.48	0.53	1.36	1.29	4.44	2.43	3.50	3.99	2.66	1.35	3.99	1.07	27.09	-6.83
Lancaster	0.62	0.25	1.09	1.69	6.33	3.15	3.48	0.74	2.92	1.51	6.88	1.43	30.09	-3.83
Richland Center	0.57	0.46	1.47	2.24	5.42	3.66	4.09	1.28	3.10	0.91	3.98	0.93	28.11	-5.81
District	0.55	0.47	1.44	2.08	5.19	3.32	3.31	1.78	3.40	1.24	4.99	1.42	29.19	-4.73
Normal	1.07	1.08	2.09	3.55	3.60	4.35	4.33	4.46	3.42	2.34	2.34	1.29	33.92	
SOUTH CENTRAL														
Beloit	0.31	0.34	1.17	0.58	8.16	2.54	5.12	1.11	2.57	1.28	4.27	2.73	30.18	-3.93
Madison	0.36	0.50	1.72	2.95	3.67	2.10	4.24	0.87	4.24	1.60	7.49	2.00	31.74	-2.37
Portage	0.45	0.38	1.41	1.65	5.79	2.36	4.65	1.89	3.58	1.14	5.92	1.53	30.75	-3.36
District	0.30	0.35	1.49	1.92	5.66	2.78	3.98	1.41	3.21	1.54	6.04	2.07	30.75	-3.36
Normal	1.28	1.25	2.20	3.47	3.40	4.19	4.07	4.24	3.51	2.48	2.41	1.61	34.11	
SOUTHEAST														
Kenosha	0.43	0.10	2.07	2.09	4.44	2.57	3.65	1.02	1.52	1.56	5.20	2.28	26.93	-7.00
Milwaukee	0.35	0.43	1.64	2.61	3.65	1.49	2.43	0.57	1.65	1.51	3.94	2.03	22.30	-11.63
Hartford	0.12	0.18	1.53	1.34	5.79	2.05	2.20	2.39	2.38	1.82	5.73	1.66	27.19	-6.74
District	0.29	0.36	1.64	1.81	5.25	2.03	3.27	1.93	2.00	1.69	4.91	2.12	27.30	-6.63
Normal	1.56	1.32	2.19	3.48	3.13	3.76	3.82	4.22	3.48	2.51	2.55	1.91	33.93	
STATE	0.38	0.66	1.89	2.77	4.78	3.32	3.39	2.07	3.18	1.39	3.18	1.38	28.39	-4.25
Normal	1.22	1.00	1.96	2.86	3.37	4.02	4.07	4.27	3.74	2.50	2.29	1.35	32.64	

Normal 1971-2000. Source: State Climatology Office.

AVERAGE MONTHLY AND ANNUAL TEMPERATURE: By Selected Stations & Districts, Wisconsin, 2003

Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
													Average	Change from normal
Temperature (degrees F.)														
NORTHWEST														
Bloomer	12.0	10.8	28.0	43.9	55.6	64.6	69.6	71.6	60.0	46.4	30.7	22.1	43.0	1.9
Spooner	12.9	12.8	29.0	45.2	55.6	64.7	68.9	72.0	61.0	48.4	31.4	23.2	43.8	2.6
Bayfield	13.1	11.4	23.8	37.5	50.8	58.9	66.8	68.7	59.5	45.9	30.7	23.7	40.9	-0.3
District	11.2	10.7	25.9	40.8	52.4	61.5	67.4	69.0	58.3	45.1	29.5	22.8	41.2	0.1
Normal	9.5	16.2	28.0	41.7	54.4	63.1	68.1	65.9	56.6	45.1	29.8	15.4	41.2	
NORTH CENTRAL														
Medford	9.6	9.5	27.2	41.5	53.9	63.0	67.7	70.0	58.4	45.3	29.7	22.0	41.5	1.1
Rhineland	12.1	10.8	26.4	40.3	52.2	62.0	67.2	69.1	58.4	45.6	30.9	23.2	41.5	1.2
Wausau	12.5	11.9	28.7	42.5	54.2	63.9	68.7	70.8	59.7	46.7	32.4	24.4	43.0	2.7
District	10.7	9.7	25.7	39.0	51.2	60.7	66.0	67.6	57.4	43.7	29.5	23.1	40.4	0.0
Normal	10.3	16.0	26.8	40.4	53.2	61.8	66.4	64.2	55.3	44.0	29.8	16.1	40.4	
NORTHEAST														
Laona	10.1	8.7	24.6	37.5	50.7	58.5	64.2	65.0	55.2	43.0	29.1	21.8	39.0	-2.4
Marinette	14.8	14.2	27.1	39.4	50.9	63.2	69.8	71.1	60.8	48.3	35.8	28.4	43.7	2.2
Shawano	13.1	12.3	28.7	41.3	53.1	63.2	68.5	69.7	58.6	45.6	33.3	24.2	42.6	1.1
District	13.0	11.7	26.9	39.3	51.4	60.9	66.9	67.5	57.4	44.5	32.1	25.2	41.4	-0.1
Normal	12.5	17.5	28.1	41.3	53.6	62.5	67.0	64.8	56.0	44.8	31.3	18.4	41.5	
WEST CENTRAL														
Blair	12.7	12.2	29.3	43.3	53.9	64.1	69.2	71.1	59.9	46.6	33.9	24.0	43.4	-0.7
La Crosse	16.6	18.0	33.5	47.8	57.9	67.7	73.3	75.3	63.3	50.8	36.1	27.5	47.3	3.2
River Falls	12.8	12.9	25.2	44.5	54.9	64.2	69.5	71.3	60.5	47.9	31.1	23.1	43.2	-0.9
District	14.7	15.1	30.9	45.5	55.7	65.3	70.2	72.1	60.8	48.1	33.6	25.4	44.8	0.7
Normal	12.7	19.3	31.2	45.2	57.4	66.4	70.8	68.3	59.3	47.6	32.3	18.5	44.1	
CENTRAL														
Waupaca	14.2	14.1	30.1	43.6	54.6	63.6	69.4	71.0	59.9	46.7	33.8	25.3	43.9	-0.4
Marshfield	12.9	11.3	29.2	42.7	54.7	63.6	68.7	71.1	60.3	46.9	32.1	24.6	43.2	-1.0
Montello	15.9	16.4	31.9	44.3	55.5	64.6	69.5	71.6	61.0	48.6	35.3	27.0	45.1	0.9
District	15.0	14.8	31.0	43.8	55.0	64.2	69.3	70.9	60.1	46.9	34.3	26.7	44.3	0.1
Normal	14.5	20.2	31.2	44.5	56.7	65.8	70.2	67.7	59.0	47.5	33.2	20.1	44.2	
EAST CENTRAL														
Green Bay	16.4	14.0	30.0	41.5	53.1	63.2	67.9	69.1	60.4	48.0	36.1	28.0	44.0	-0.6
Oshkosh	16.3	16.2	31.7	44.5	56.7	66.1	71.7	73.4	62.7	49.9	36.6	28.8	46.2	1.7
Sheboygan	21.3	21.3	32.8	43.1	53.2	64.1	71.0	72.3	61.3	50.1	40.0	31.3	46.8	2.3
District	16.6	16.2	30.1	41.5	52.0	62.0	68.6	70.0	59.9	47.5	36.4	29.5	44.2	-0.4
Normal	17.0	21.4	31.2	42.8	54.6	64.1	69.5	67.9	59.8	48.3	35.2	22.8	44.6	
SOUTHWEST														
Hillsboro	15.8	15.0	31.5	44.8	55.3	64.2	70.0	72.0	60.4	48.0	35.1	26.0	44.9	-0.8
Lancaster	14.7	16.9	32.0	46.9	55.8	65.1	70.6	72.9	61.1	49.1	35.6	26.6	45.6	-0.1
Richland Center	17.5	17.2	32.2	46.3	56.9	65.5	70.6	73.2	61.5	48.7	36.6	27.8	46.2	0.5
District	16.7	17.4	32.4	46.1	56.0	65.2	70.7	72.7	60.6	48.6	35.8	27.8	45.8	0.2
Normal	15.7	21.9	33.4	46.1	57.9	67.2	71.4	69.0	60.5	48.9	34.5	21.5	45.7	
SOUTH CENTRAL														
Beloit	18.8	21.1	34.6	47.7	56.3	65.6	71.9	73.8	63.5	51.3	39.4	30.2	47.9	1.9
Madison	17.7	18.5	32.3	44.7	55.2	65.4	70.3	71.9	61.0	49.3	37.2	27.9	46.0	0.0
Portage	15.9	16.9	32.3	45.3	56.0	65.7	71.0	72.8	61.7	49.2	36.4	27.5	45.9	-0.0
District	17.3	19.0	32.9	45.6	55.5	65.0	71.1	72.7	61.5	48.9	37.3	28.3	46.3	0.3
Normal	16.8	22.3	33.5	45.8	57.8	67.2	71.3	68.9	60.6	49.0	35.4	22.5	45.9	
SOUTHEAST														
Kenosha	21.1	22.4	34.0	43.3	51.6	62.1	70.0	73.2	63.2	52.1	41.4	32.1	47.2	0.7
Milwaukee	20.3	21.5	33.9	43.2	52.4	63.0	70.5	73.3	62.9	51.2	40.0	30.8	46.9	0.4
Hartford	15.8	17.3	31.6	43.6	53.6	63.8	69.4	70.8	60.4	47.9	36.5	27.7	44.9	-1.6
District	18.6	20.7	33.8	44.6	53.8	63.4	69.9	71.9	61.5	49.0	38.9	30.2	46.4	-0.1
Normal	18.9	24.0	34.0	45.0	56.3	66.0	71.2	69.4	61.4	49.9	37.0	24.7	46.5	
STATE	14.0	13.9	29.1	42.4	53.4	62.8	68.5	70.1	59.3	46.4	33.1	25.7	43.2	0.1
Normal	13.2	19.0	30.1	43.2	55.5	64.5	69.1	66.9	58.1	46.6	32.4	19.0	43.1	

Normal 1971-2000. Source: State Climatology Office.

FIELD CROP SUMMARY: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per bushel	Total
		Acres	Bushels	1,000 bushels	Dollars	1,000 dollars
CORN FOR GRAIN 1/						
1999	3,600,000	2,850,000	143.0	407,550	1.77	721,364
2000	3,500,000	2,750,000	132.0	363,000	1.86	675,180
2001	3,400,000	2,600,000	127.0	330,200	1.97	650,494
2002	3,650,000	2,900,000	135.0	391,500	2.22	869,130
2003	3,750,000	2,850,000	129.0	367,650	2.40	882,360
SOYBEANS FOR BEANS						
1999	1,350,000	1,300,000	46.0	59,800	4.70	281,060
2000	1,550,000	1,500,000	40.0	60,000	4.45	267,000
2001	1,600,000	1,570,000	37.0	58,090	4.31	250,368
2002	1,540,000	1,520,000	44.0	66,880	5.35	357,808
2003	1,720,000	1,670,000	28.0	46,760	7.11	332,464
OATS						
1999	430,000	300,000	62.0	18,600	1.00	18,600
2000	400,000	280,000	68.0	19,040	0.98	18,659
2001	300,000	195,000	64.0	12,480	1.38	17,222
2002	430,000	250,000	60.0	15,000	1.65	24,750
2003	380,000	230,000	67.0	15,410	1.45	22,345
WHEAT, ALL						
1999	133,000	127,000	58.9	7,480	1.75	13,076
2000	149,000	143,000	61.0	8,730	1.85	16,230
2001	178,000	167,000	64.1	10,708	2.40	25,668
2002	208,000	192,000	60.0	11,516	3.05	35,135
2003	212,000	180,000	68.3	12,300	3.20	39,360
WHEAT, WINTER						
1999	125,000	120,000	60.0	7,200	1.75	12,600
2000	140,000	135,000	62.0	8,370	1.85	15,485
2001	170,000	160,000	65.0	10,400	2.40	24,960
2002	200,000	185,000	61.0	11,285	3.05	34,419
2003	205,000	175,000	69.0	12,075	3.20	38,640
WHEAT, SPRING						
1999	8,000	7,000	40.0	280	1.70	476
2000	9,000	8,000	45.0	360	2.07	745
2001	8,000	7,000	44.0	308	2.30	708
2002	8,000	7,000	33.0	231	3.10	716
2003	7,000	5,000	45.0	225	3.55	799
BARLEY						
1999	80,000	65,000	52.0	3,380	1.20	4,056
2000	65,000	50,000	64.0	3,200	1.15	3,680
2001	47,000	35,000	52.0	1,820	1.50	2,730
2002	55,000	35,000	47.0	1,645	1.70	2,797
2003	55,000	35,000	55.0	1,925	1.90	3,658

1/All corn planted.

PRICES RECEIVED BY FARMERS FOR CROPS: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per bushel												
CORN												
1999	1.87	1.89	1.95	2.00	1.96	1.96	1.60	1.72	1.72	1.62	1.65	1.72
2000	1.87	1.87	1.99	1.96	2.01	1.99	1.78	1.60	1.58	1.83	1.86	1.87
2001	1.89	1.83	1.81	1.85	1.78	1.84	1.87	1.93	1.95	1.86	1.84	1.91
2002	1.86	1.99	1.84	1.88	1.85	1.98	2.08	2.29	2.41	2.21	2.19	2.18
2003	2.19	2.20	2.22	2.29	2.35	2.25	2.18	2.15	2.17	2.08	2.11	2.24
SOYBEANS												
1999	5.13	4.55	4.53	4.61	4.40	4.33	3.93	4.36	4.36	4.38	4.63	4.63
2000	5.06	5.03	4.92	5.38	5.45	4.89	4.79	4.76	4.52	4.46	4.48	4.78
2001	4.50	4.13	4.20	4.23	4.17	4.42	4.68	4.69	4.73	4.01	4.08	4.35
2002	4.13	4.34	4.34	4.61	4.61	4.81	5.21	5.31	5.08	5.15	5.30	5.34
2003	5.32	5.29	5.22	5.67	5.92	6.01	5.62	5.66	6.13	6.50	6.73	6.93
OATS												
1999	1.32	1.24	1.20	1.14	1.17	1.15	1.00	.96	.89	.95	1.04	1.03
2000	1.07	1.11	1.12	1.12	1.10	1.17	.94	.88	.84	.95	1.15	.94
2001	1.11	1.13	1.08	1.20	1.14	1.16	1.22	1.19	1.19	1.27	1.47	1.62
2002	1.74	1.79	1.86	1.82	1.75	1.78	1.67	1.58	1.82	1.62	1.61	1.76
2003	1.78	1.77	1.83	1.90	1.88	1.71	1.44	1.31	1.35	1.37	1.45	1.46

HAY STOCKS: Wisconsin, 2000-2004

Year	Dec. 1 stocks	Percent of production 2/	May 1 stocks	Percent of production 2/
	1,000 tons	Percent	1,000 tons	Percent
2000	5,900	79	3,000	40
2001	4,800	80	1,980	33
2002	4,380	90	1,375	28
2003	3,600	67	1,100	21
2004	3,110	71	920	21

NEW SEEDINGS OF ALFALFA AND ALFALFA MIXTURES: Wisconsin, 1999-2003

Year	Area seeded
	1,000 acres
1999	600
2000	400
2001	400
2002	500
2003	550

1/Refers to December 1 of previous year. 2/Previous year's production.

GRAIN STOCKS: (On-Farms and Off-Farms), Wisconsin, 1999-2003

Year	March 1	June 1	September 1	December 1
1,000 bushels				
CORN				
1999	265,887	180,042	96,420	332,040
2000	243,943	164,697	94,158	315,367
2001	234,971	180,355	99,373	280,301
2002	214,224	159,070	81,025	297,341
2003	223,132	146,676	61,921	281,309
SOYBEANS				
1999	30,780	17,142	8,909	45,133
2000	26,686	19,075	8,057	49,810
2001	29,846	15,527	7,173	45,692
2002	24,889	18,059	4,498	48,859
2003	25,980	16,149	4,727	30,682

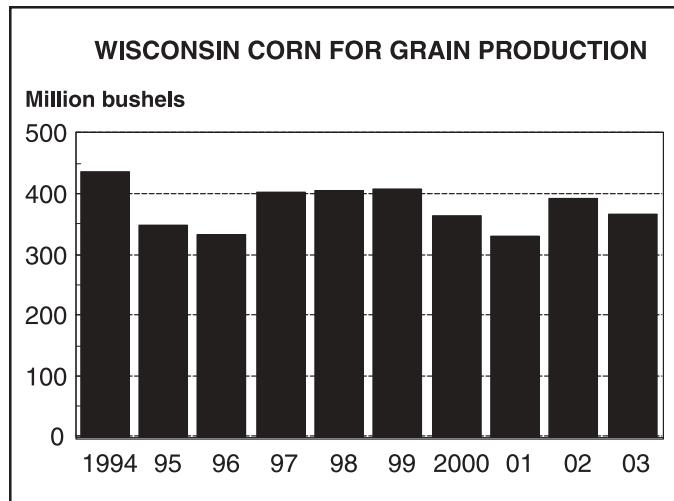
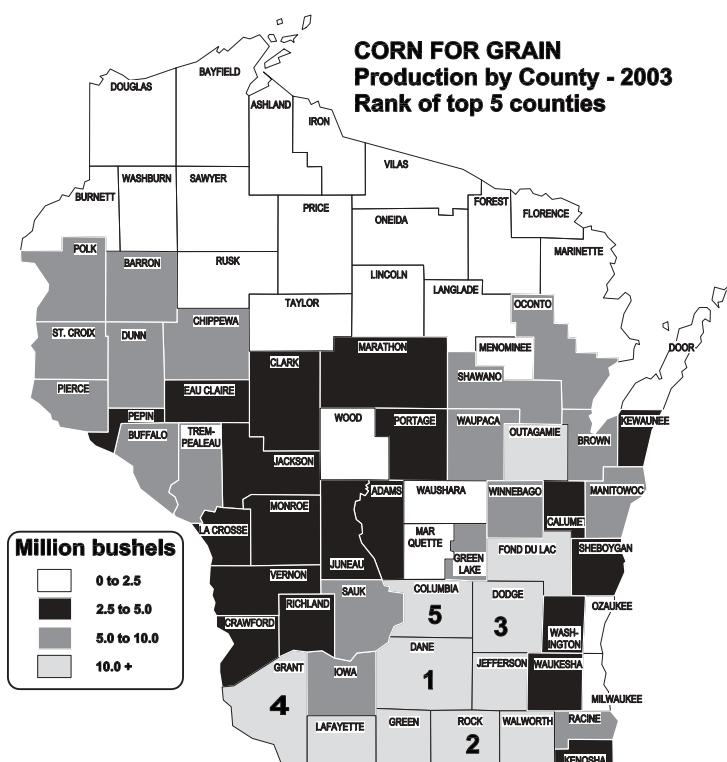
CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003			
	All corn planted	Grain harvested	Yield per acre	Production	All corn planted	Grain harvested	Yield per acre	Production
	Acres		Bushels		Acres		Bushels	
Barron	75,600	60,200	142	8,528,000	82,000	60,400	114	6,889,000
Bayfield 1/	—	—	—	—	—	—	—	—
Burnett	15,700	13,000	131	1,707,000	15,000	11,000	90	986,000
Chippewa	82,300	62,200	133	8,275,000	88,500	65,500	102	6,683,000
Douglas 1/	—	—	—	—	—	—	—	—
Polk	63,200	52,700	145	7,620,000	64,100	50,800	117	5,924,000
Rusk	17,500	9,500	120	1,138,000	18,400	8,800	91	801,000
Sawyer	4,800	3,100	124	383,000	5,000	3,200	80	256,000
Washburn	12,800	9,400	121	1,139,000	12,900	8,600	94	810,000
NW District	275,000	212,000	137	29,010,000	289,000	210,000	107	22,510,000
Ashland 1/	—	—	—	—	—	—	—	—
Clark	84,000	55,000	124	6,835,000	82,300	44,600	107	4,754,000
Iron 1/	—	—	—	—	—	—	—	—
Lincoln	8,800	3,600	118	426,000	8,000	2,500	95	237,000
Marathon	94,500	62,500	129	8,041,000	94,800	49,000	101	4,951,000
Oneida 1/	—	—	—	—	—	—	—	—
Price	4,000	1,700	122	208,000	4,300	2,100	113	238,000
Taylor	28,000	17,200	121	2,080,000	33,300	22,000	105	2,310,000
Vilas 1/	—	—	—	—	—	—	—	—
NC District	222,000	141,000	126	17,710,000	225,000	121,000	104	12,580,000
Florence 1/	—	—	—	—	—	—	—	—
Forest 1/	—	—	—	—	—	—	—	—
Langlade	9,800	5,600	130	730,000	10,600	5,800	111	646,000
Marinette	27,400	17,700	109	1,934,000	32,100	16,500	134	2,217,000
Oconto	48,300	33,900	112	3,807,000	57,000	41,500	135	5,593,000
Shawano	67,300	41,600	133	5,545,000	76,300	48,000	140	6,739,000
NE District	154,000	99,000	122	12,040,000	177,000	112,000	136	15,220,000
Buffalo	60,300	50,900	140	7,142,000	62,500	49,600	126	6,265,000
Dunn	81,200	67,300	141	9,473,000	94,000	72,600	109	7,935,000
Eau Claire	43,200	38,000	130	4,941,000	42,100	35,400	111	3,932,000
Jackson	37,000	30,400	147	4,457,000	41,300	28,100	112	3,155,000
La Crosse	34,800	29,200	158	4,626,000	35,600	28,600	127	3,634,000
Monroe	59,100	44,700	154	6,865,000	56,800	43,200	116	4,999,000
Pepin	27,000	22,700	146	3,324,000	28,800	22,000	130	2,866,000
Pierce	78,500	67,600	160	10,800,000	76,700	65,300	124	8,116,000
St. Croix	86,000	70,000	150	10,472,000	79,300	62,500	116	7,226,000
Trempealeau	75,900	63,200	147	9,300,000	79,900	61,700	113	6,972,000
WC District	583,000	484,000	148	71,400,000	597,000	469,000	117	55,100,000
Adams	22,700	20,200	110	2,226,000	26,000	22,800	121	2,753,000
Green Lake	49,300	43,700	122	5,319,000	55,400	46,800	125	5,851,000
Juneau	34,100	28,700	151	4,326,000	39,600	32,800	110	3,614,000
Marquette	31,700	26,700	112	2,993,000	31,700	23,800	97	2,319,000
Portage	45,400	36,600	132	4,825,000	45,000	31,900	124	3,969,000
Waupaca	55,000	38,700	133	5,129,000	62,600	43,600	133	5,800,000
Waushara	27,700	23,200	130	3,005,000	29,800	22,100	109	2,417,000
Wood	34,100	24,200	142	3,427,000	37,900	22,200	99	2,207,000
C District	300,000	242,000	129	31,250,000	328,000	246,000	118	28,930,000
Brown	53,900	31,100	136	4,239,000	62,200	37,600	156	5,862,000
Calumet	42,700	28,900	135	3,892,000	46,800	30,900	157	4,836,000
Door	17,900	11,200	122	1,364,000	21,900	14,900	142	2,122,000
Fond du Lac	100,500	78,000	139	10,827,000	104,000	78,900	144	11,325,000
Kewaunee	39,000	20,100	126	2,527,000	44,700	22,600	154	3,477,000
Manitowoc	61,000	38,000	127	4,840,000	66,100	42,100	141	5,952,000
Outagamie	78,000	55,200	143	7,918,000	88,100	65,500	153	10,020,000
Sheboygan	50,000	34,500	133	4,596,000	52,700	35,000	135	4,734,000
Winnebago	51,000	41,000	133	5,437,000	51,500	42,500	125	5,312,000
EC District	494,000	338,000	135	45,640,000	538,000	370,000	145	53,640,000

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003, Continued

County	2002				2003			
	All corn planted	Grain harvested	Yield per acre	Production	All corn planted	Grain harvested	Yield per acre	Production
	Acres		Bushels		Acres		Bushels	
Crawford	30,400	24,500	150	3,686,000	31,100	24,400	129	3,140,000
Grant	143,500	125,100	166	20,733,000	144,500	115,600	139	16,040,000
Iowa	71,900	56,600	127	7,200,000	66,200	46,700	124	5,794,000
Lafayette	114,000	99,900	162	16,200,000	111,300	91,800	143	13,091,000
Richland	35,900	27,100	142	3,843,000	35,300	24,100	125	3,007,000
Sauk	83,000	68,100	139	9,439,000	86,400	67,100	127	8,502,000
Vernon	63,300	48,700	150	7,329,000	60,200	41,300	118	4,886,000
SW District	542,000	450,000	152	68,430,000	535,000	411,000	133	54,460,000
Columbia	117,500	106,200	133	14,146,000	122,700	106,600	148	15,772,000
Dane	199,000	166,600	135	22,448,000	198,300	169,800	135	22,940,000
Dodge	151,200	123,100	143	17,568,000	146,000	115,000	146	16,825,000
Green	94,000	78,400	121	9,500,000	93,900	75,500	134	10,102,000
Jefferson	86,800	76,000	124	9,448,000	88,600	78,300	132	10,359,000
Rock	160,500	149,700	118	17,660,000	151,500	140,800	139	19,632,000
SC District	809,000	700,000	130	90,770,000	801,000	686,000	139	95,630,000
Kenosha	35,300	32,200	105	3,365,000	35,400	31,600	136	4,313,000
Milwaukee	1,400	1,300	125	162,000	900	800	136	109,000
Ozaukee	17,200	12,200	120	1,470,000	17,600	12,300	130	1,596,000
Racine	43,300	39,300	123	4,840,000	43,100	40,000	135	5,413,000
Walworth	103,400	92,500	94	8,673,000	96,300	86,000	137	11,766,000
Washington	36,600	26,300	122	3,210,000	35,500	25,000	115	2,867,000
Waukesha	33,800	30,200	117	3,530,000	31,200	29,300	120	3,516,000
SE District	271,000	234,000	108	25,250,000	260,000	225,000	131	29,580,000
State	3,650,000	2,900,000	135	391,500,000	3,750,000	2,850,000	129	367,650,000

1/Not published, but included in total.



CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003 1/

County	2002				2003			
	All corn planted	Silage harvested	Yield per acre	Production	All corn planted	Silage harvested	Yield per acre	Production
	Acres		Tons		Acres		Tons	
Barron	75,600	14,900	18	267,000	82,000	21,000	16	332,200
Bayfield 2/	—	—	—	—	—	—	—	—
Burnett	15,700	2,400	15	35,100	15,000	3,800	14	53,700
Chippewa	82,300	19,500	15	287,400	88,500	22,700	14	329,100
Douglas 2/	—	—	—	—	—	—	—	—
Polk	63,200	10,100	17	167,100	64,100	13,000	17	225,000
Rusk	17,500	7,500	12	88,400	18,400	9,300	15	137,600
Sawyer	4,800	1,500	10	14,300	5,000	1,700	12	19,800
Washburn	12,800	3,200	15	46,700	12,900	4,200	13	56,500
NW District	275,000	60,000	15	915,000	289,000	77,000	15	1,168,000
Ashland 2/	—	—	—	—	—	—	—	—
Clark	84,000	28,400	15	416,000	82,300	36,700	15	550,700
Iron 2/	—	—	—	—	—	—	—	—
Lincoln	8,800	5,000	17	86,700	8,000	5,400	11	57,500
Marathon	94,500	31,400	16	502,000	94,800	44,300	12	547,300
Oneida 2/	—	—	—	—	—	—	—	—
Price	4,000	2,100	15	31,600	4,300	2,100	12	24,700
Taylor	28,000	10,500	14	150,800	33,300	11,100	13	147,500
Vilas 2/	—	—	—	—	—	—	—	—
NC District	222,000	79,000	15	1,208,000	225,000	101,000	13	1,345,000
Florence 2/	—	—	—	—	—	—	—	—
Forest 2/	—	—	—	—	—	—	—	—
Langlade	9,800	3,700	15	55,900	10,600	4,600	14	63,400
Marinette	27,400	9,000	13	117,700	32,100	14,900	17	254,200
Oconto	48,300	13,600	15	197,400	57,000	15,200	17	253,000
Shawano	67,300	24,800	16	406,300	76,300	27,500	17	461,800
NE District	154,000	52,000	15	787,000	177,000	63,000	16	1,039,000
Buffalo	60,300	9,300	20	190,500	62,500	12,500	18	225,000
Dunn	81,200	13,600	15	197,700	94,000	20,700	14	293,800
Eau Claire	43,200	5,100	14	72,700	42,100	6,500	13	84,100
Jackson	37,000	6,400	22	141,200	41,300	12,900	13	165,200
La Crosse	34,800	5,500	18	98,200	35,600	6,900	14	93,200
Monroe	59,100	14,300	16	235,300	56,800	13,400	15	207,300
Pepin	27,000	4,200	19	77,800	28,800	6,500	16	104,500
Pierce	78,500	10,600	19	197,600	76,700	11,300	15	168,200
St. Croix	86,000	15,600	18	284,500	79,300	16,600	16	271,900
Trempealeau	75,900	12,400	16	199,500	79,900	17,700	14	248,800
WC District	583,000	97,000	17	1,695,000	597,000	125,000	15	1,862,000
Adams	22,700	2,400	12	28,800	26,000	3,100	14	44,800
Green Lake	49,300	5,400	16	84,800	55,400	8,300	13	111,400
Juneau	34,100	5,200	18	94,900	39,600	6,700	16	110,200
Marquette	31,700	4,700	13	60,300	31,700	7,600	10	75,500
Portage	45,400	8,500	15	124,600	45,000	12,800	12	148,700
Waupaca	55,000	15,800	17	266,200	62,600	18,800	15	274,900
Waushara	27,700	4,300	17	72,100	29,800	7,400	15	110,000
Wood	34,100	9,700	15	144,300	37,900	15,300	12	184,500
C District	300,000	56,000	16	876,000	328,000	80,000	13	1,060,000
Brown	53,900	22,600	16	369,000	62,200	24,300	20	482,700
Calumet	42,700	13,500	15	205,100	46,800	15,600	17	263,500
Door	17,900	6,600	15	97,000	21,900	6,900	17	120,300
Fond du Lac	100,500	22,000	18	389,200	104,000	24,800	19	476,300
Kewaunee	39,000	18,700	15	276,800	44,700	21,800	20	433,400
Manitowoc	61,000	22,900	15	338,900	66,100	23,800	19	452,400
Outagamie	78,000	22,700	15	350,700	88,100	22,500	20	448,500
Sheboygan	50,000	15,100	16	247,600	52,700	17,400	18	319,200
Winnebago	51,000	9,900	14	134,700	51,500	8,900	18	161,700
EC District	494,000	154,000	16	2,409,000	538,000	166,000	19	3,158,000

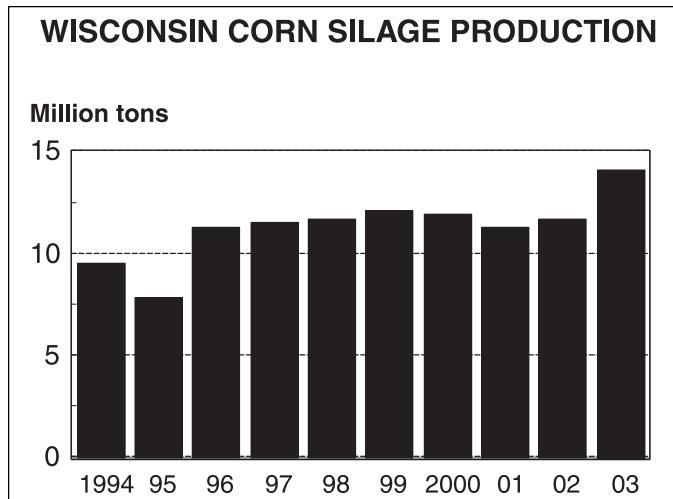
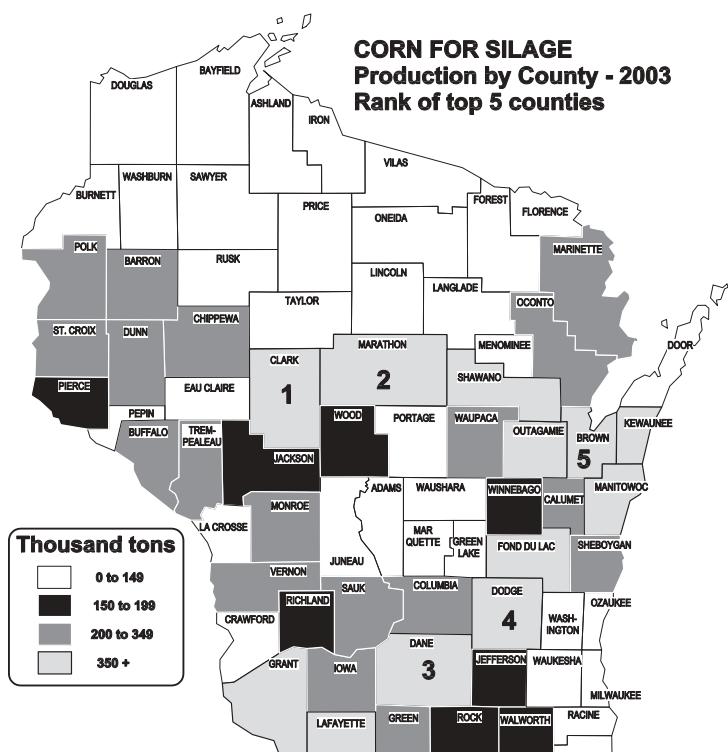
CORN FOR SILAGE: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003 1/, Continued

County	2002				2003			
	All corn planted	Silage harvested	Yield per acre	Production	All corn planted	Silage harvested	Yield per acre	Production
	Acres		Tons		Acres		Tons	
Crawford	30,400	5,800	18	102,100	31,100	6,600	17	109,400
Grant	143,500	18,200	18	326,500	144,500	28,100	16	448,100
Iowa	71,900	15,200	18	275,400	66,200	19,300	15	289,600
Lafayette	114,000	13,900	18	252,600	111,300	19,100	19	371,400
Richland	35,900	8,700	17	152,000	35,300	11,100	15	165,700
Sauk	83,000	14,700	18	258,100	86,400	19,100	17	321,800
Vernon	63,300	14,500	18	267,300	60,200	18,700	15	283,000
SW District	542,000	91,000	18	1,634,000	535,000	122,000	16	1,989,000
Columbia	117,500	11,200	16	182,300	122,700	15,300	20	306,700
Dane	199,000	32,000	17	528,500	198,300	28,300	17	492,800
Dodge	151,200	27,700	15	405,700	146,000	30,100	16	488,900
Green	94,000	15,100	15	228,000	93,900	17,700	15	267,900
Jefferson	86,800	10,400	17	175,200	88,600	10,100	17	170,900
Rock	160,500	10,600	14	148,300	151,500	10,500	19	195,800
SC District	809,000	107,000	16	1,668,000	801,000	112,000	17	1,923,000
Kenosha	35,300	2,900	13	38,700	35,400	3,700	17	63,400
Milwaukee	1,400	2/	—	—	900	2/	—	—
Ozaukee	17,200	4,500	17	75,100	17,600	5,200	15	79,100
Racine	43,300	3,400	14	48,400	43,100	3,000	17	50,700
Walworth	103,400	10,300	14	142,400	96,300	10,000	17	170,300
Washington	36,600	9,700	14	137,900	35,500	10,200	14	140,600
Waukesha	33,800	3,100	14	43,900	31,200	1,800	17	30,200
SE District	271,000	34,000	14	488,000	260,000	34,000	16	536,000
State	3,650,000	730,000	16	11,680,000	3,750,000	880,000	16	14,080,000

1/Production and yield as it leaves the field. 2/Not published, but included in total.

CORN FOR SILAGE: Acreage, Yield, and Production Wisconsin, 1999-2003

Year	Acres harvested	Yield per acre	Production
	1,000	Tons	1,000 tons
1999	730	16.5	12,045
2000	720	16.5	11,880
2001	780	14.5	11,310
2002	730	16.0	11,680
2003	880	16.0	14,080



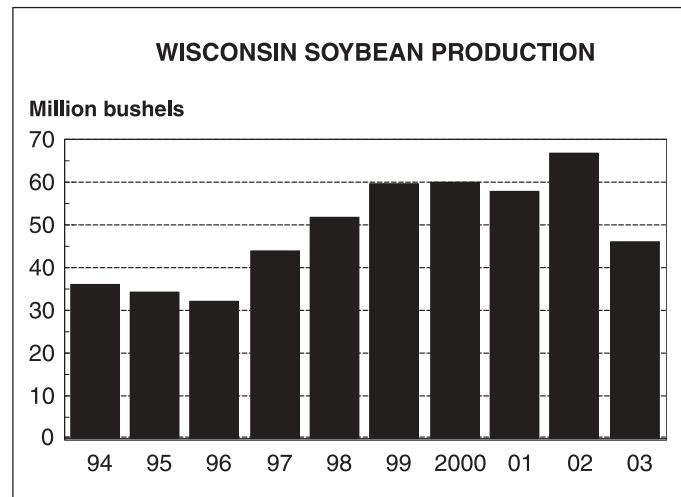
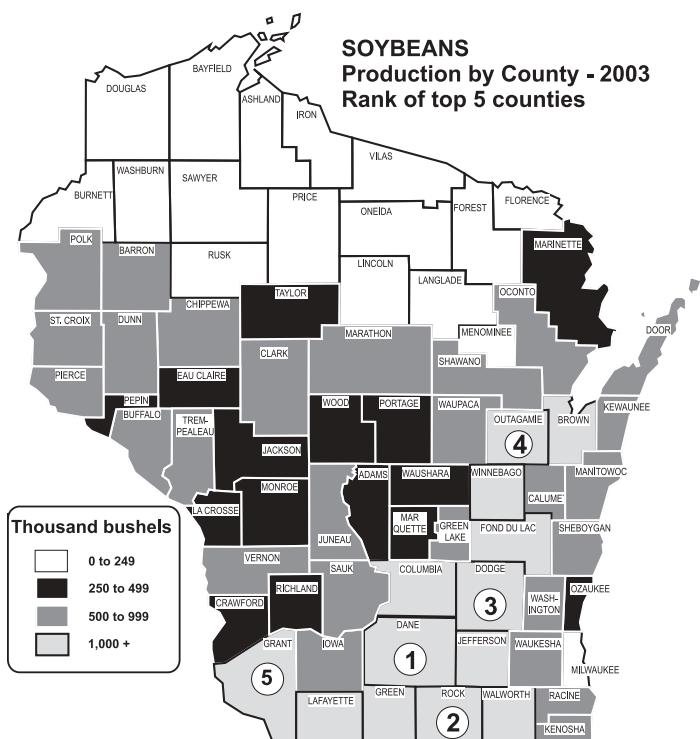
SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Barron	22,300	22,000	48	1,058,800	27,400	26,000	26	687,000
Bayfield 1/	—	—	—	—	—	—	—	—
Burnett	4,900	4,800	38	184,000	5,400	5,200	21	111,200
Chippewa	23,100	22,900	45	1,024,200	30,100	29,200	21	624,000
Douglas 1/	—	—	—	—	—	—	—	—
Polk	21,300	21,000	45	938,900	26,000	24,900	22	548,800
Rusk	3,000	2,900	41	118,900	4,600	4,500	22	99,000
Sawyer	500	500	39	19,500	1,200	1,100	17	18,700
Washburn	3,100	3,000	45	133,800	4,000	3,700	23	85,100
NW District	78,600	77,500	45	3,497,000	98,900	94,800	23	2,180,000
Ashland 1/	—	—	—	—	—	—	—	—
Clark	26,400	26,100	44	1,156,100	31,400	30,100	26	782,700
Iron 1/	—	—	—	—	—	—	—	—
Lincoln	1,500	1,500	47	70,200	2,400	2,200	23	50,600
Marathon	25,300	25,000	45	1,115,500	35,000	32,600	22	717,200
Oneida 1/	—	—	—	—	—	—	—	—
Price 1/	—	—	—	—	—	—	—	—
Taylor	11,100	10,900	45	486,200	14,000	12,500	25	312,500
Vilas 1/	—	—	—	—	—	—	—	—
NC District	64,600	63,800	45	2,842,000	83,500	77,800	24	1,871,000
Florence 1/	—	—	—	—	—	—	—	—
Forest 1/	—	—	—	—	—	—	—	—
Langlade	4,700	4,600	33	149,800	6,400	6,000	24	144,000
Marinette	6,700	6,600	40	261,600	8,400	8,100	34	275,400
Oconto	11,300	11,200	38	425,400	16,100	15,600	37	577,700
Shawano	13,700	13,500	46	624,200	18,400	18,000	38	684,000
NE District	36,400	35,900	41	1,461,000	49,400	47,800	35	1,685,000
Buffalo	20,800	20,500	45	929,100	23,500	22,600	26	587,600
Dunn	39,200	38,700	46	1,780,200	43,800	43,000	21	902,700
Eau Claire	17,600	17,400	45	786,700	19,700	18,700	23	430,100
Jackson	20,600	20,400	48	972,300	21,100	19,800	17	336,600
La Crosse	9,800	9,700	48	467,200	11,900	11,400	30	342,000
Monroe	16,400	16,100	45	726,200	17,400	16,600	24	398,400
Pepin	11,600	11,500	47	535,800	13,000	12,500	27	337,500
Pierce	26,300	26,000	51	1,315,100	28,700	27,600	28	772,800
St. Croix	31,000	30,600	49	1,500,800	38,700	37,400	21	785,400
Trempealeau	32,000	31,500	46	1,438,600	32,300	31,300	23	719,900
WC District	225,300	222,400	47	10,452,000	250,100	240,900	23	5,613,000
Adams	13,600	13,400	40	536,000	14,100	13,800	32	447,800
Green Lake	15,400	15,200	41	629,000	18,200	17,900	30	545,000
Juneau	22,800	22,600	43	981,100	25,800	25,200	28	709,500
Marquette	12,200	12,000	38	457,000	12,200	11,700	22	257,400
Portage	11,100	11,000	43	471,400	14,200	13,300	30	399,000
Waupaca	16,200	16,000	46	737,000	17,700	16,500	34	561,000
Waushara	11,500	11,300	45	503,000	12,300	11,600	28	324,800
Wood	11,600	11,400	49	556,500	14,000	13,500	25	337,500
C District	114,400	112,900	43	4,871,000	128,500	123,500	29	3,582,000
Brown	20,200	19,900	41	811,000	26,200	26,000	40	1,040,000
Calumet	22,900	22,600	43	979,800	26,000	25,700	33	848,100
Door	8,000	7,900	39	307,900	14,800	14,600	39	569,400
Fond du Lac	46,500	46,000	47	2,178,100	52,700	51,400	30	1,542,000
Kewaunee	12,000	11,800	42	492,100	15,700	15,200	38	577,300
Manitowoc	20,800	20,600	42	869,900	23,600	22,900	32	732,800
Outagamie	40,800	40,300	46	1,836,000	47,400	46,100	40	1,844,000
Sheboygan	25,100	24,800	47	1,163,200	27,000	26,800	33	884,400
Winnebago	32,600	32,100	43	1,395,000	35,200	34,400	30	1,032,000
EC District	228,900	226,000	44	10,033,000	268,600	263,100	34	9,070,000

SOYBEANS: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003, Continued

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Crawford	11,200	11,000	47	517,000	13,400	13,100	26	340,600
Grant	49,600	49,000	53	2,603,800	54,400	54,100	32	1,731,200
Iowa	27,500	27,100	48	1,301,500	30,800	29,900	27	807,100
Lafayette	58,300	57,600	50	2,892,900	61,400	60,300	28	1,688,400
Richland	9,300	9,200	49	455,100	11,600	11,000	29	319,000
Sauk	27,900	27,500	44	1,201,100	31,900	30,600	27	826,200
Vernon	22,700	22,400	50	1,115,600	26,400	25,100	25	627,500
SW District	206,500	203,800	49	10,087,000	229,900	224,100	28	6,340,000
Columbia	48,700	48,100	46	2,196,900	54,000	52,100	33	1,694,000
Dane	85,600	84,500	46	3,876,800	91,200	88,400	30	2,608,000
Dodge	63,100	62,300	48	2,991,500	73,300	71,000	31	2,192,600
Green	50,500	49,800	39	1,938,000	52,100	50,700	22	1,115,400
Jefferson	53,000	52,300	46	2,380,700	54,600	54,300	30	1,629,000
Rock	99,200	97,900	36	3,557,100	101,700	101,400	25	2,485,000
SC District	400,100	394,900	43	16,941,000	426,900	417,900	28	11,724,000
Kenosha	27,000	26,600	35	918,500	25,600	25,200	27	680,400
Milwaukee	1,400	1,400	33	46,500	1,200	1,100	20	22,000
Ozaukee	9,300	9,100	45	409,500	10,400	10,100	28	282,800
Racine	40,200	39,700	32	1,267,400	35,700	34,700	27	936,900
Walworth	62,300	61,600	33	2,056,800	62,800	61,400	27	1,658,200
Washington	22,500	22,200	48	1,062,300	22,600	22,500	25	562,500
Waukesha	22,500	22,200	42	935,000	25,900	25,100	22	552,200
SE District	185,200	182,800	37	6,696,000	184,200	180,100	26	4,695,000
State	1,540,000	1,520,000	44	66,880,000	1,720,000	1,670,000	28	46,760,000

1/Not published, but included in total.



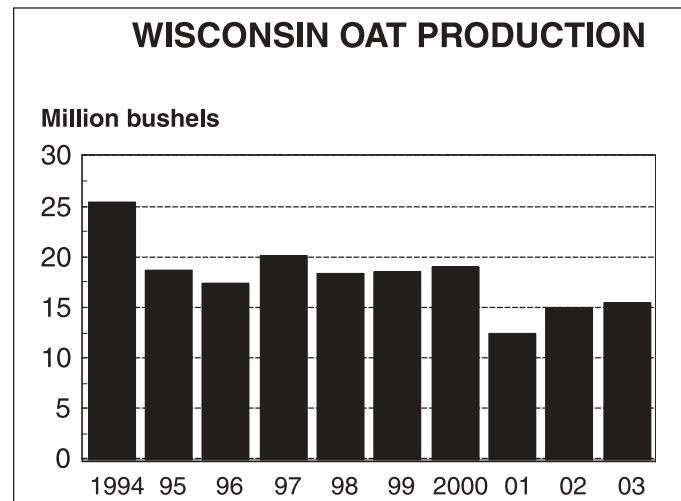
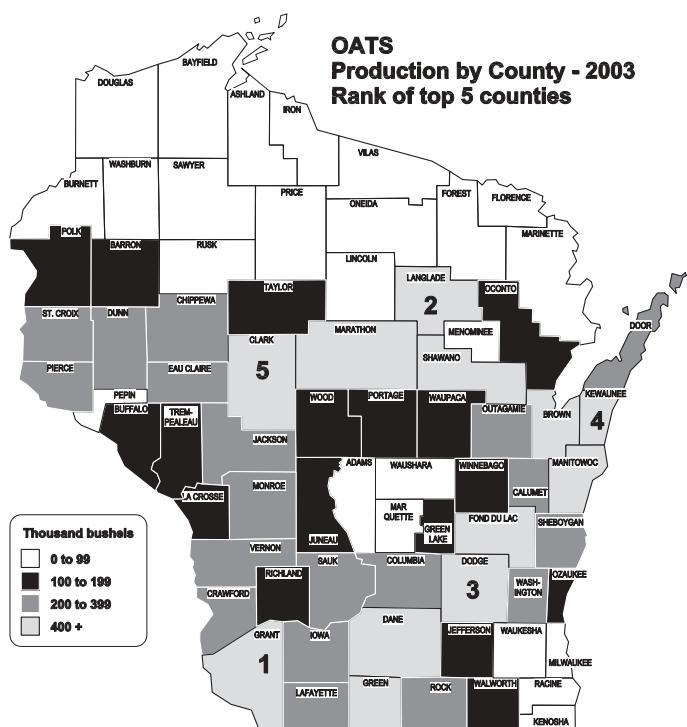
OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Barron	6,000	3,600	58	207,000	6,000	3,100	58	180,000
Bayfield	1,500	1,400	64	89,000	1,100	1,000	68	68,000
Burnett	1,700	800	38	30,000	2,400	800	64	51,000
Chippewa	11,800	7,600	54	413,000	10,700	6,500	61	398,000
Douglas 1/	—	—	—	—	—	—	—	—
Polk	5,200	2,600	47	122,000	5,100	2,600	54	141,000
Rusk	3,900	1,800	44	80,000	3,600	1,600	50	80,000
Sawyer 1/	—	—	—	—	—	—	—	—
Washburn	1,000	500	54	27,000	2,000	1,600	54	87,000
NW District	32,000	19,000	53	1,010,000	32,000	18,000	59	1,060,000
Ashland 1/	600	500	52	26,000	1/	—	—	—
Clark	15,200	10,500	57	596,000	15,600	9,100	55	504,400
Iron 1/	—	—	—	—	—	—	—	—
Lincoln	1,300	1,000	59	59,000	1,500	1,100	62	68,000
Marathon	14,400	9,000	50	454,000	15,800	8,400	57	474,600
Oneida	1,700	1,600	45	72,000	2,100	1,800	32	58,000
Price	1,300	1,100	49	54,000	1,100	1,000	47	47,000
Taylor	6,100	2,900	46	132,000	7,900	4,700	42	197,000
Vilas 1/	—	—	—	—	—	—	—	—
NC District	41,000	27,000	52	1,410,000	45,000	27,000	51	1,390,000
Florence 1/	—	—	—	—	—	—	—	—
Forest 1/	—	—	—	—	—	—	—	—
Langlade	12,000	11,000	67	742,000	10,500	10,000	68	675,000
Marinette	2,300	1,700	51	86,000	2,000	1,600	62	99,000
Oconto	3,300	2,500	48	121,000	3,500	2,300	54	124,000
Shawano	8,900	6,300	65	409,000	8,300	6,600	63	419,000
NE District	27,000	22,000	63	1,380,000	25,000	21,000	64	1,340,000
Buffalo	9,100	4,000	51	203,000	8,000	3,400	57	195,000
Dunn	11,400	6,700	58	389,000	10,600	6,800	49	336,000
Eau Claire	7,300	4,500	48	214,000	6,800	4,600	54	248,000
Jackson	6,800	3,900	52	202,000	5,900	3,800	55	210,000
La Crosse	4,500	2,300	51	117,000	3,000	1,900	61	115,000
Monroe	9,500	5,400	54	289,000	8,000	4,400	60	264,000
Pepin	4,200	2,000	53	106,000	3,600	1,600	54	87,000
Pierce	11,300	7,000	61	424,000	8,700	5,300	61	325,000
St. Croix	12,600	6,400	54	344,000	8,600	5,700	62	352,000
Trempealeau	8,300	3,800	51	192,000	6,800	3,500	48	168,000
WC District	85,000	46,000	54	2,480,000	70,000	41,000	56	2,300,000
Adams	2,700	1,500	43	64,000	1,700	1,000	38	38,000
Green Lake	3,100	1,800	61	109,000	3,100	1,500	71	106,000
Juneau	4,200	1,800	52	94,000	3,100	1,800	64	115,000
Marquette	2,200	1,400	44	62,000	2,200	1,200	47	56,000
Portage	6,100	3,600	58	207,000	7,300	2,800	54	150,000
Waupaca	6,800	3,800	53	200,000	5,300	2,900	56	161,000
Waushara	5,700	900	49	44,000	4,300	1,100	71	78,000
Wood	6,200	3,200	50	160,000	6,000	2,700	58	156,000
C District	37,000	18,000	52	940,000	33,000	15,000	57	860,000
Brown	8,100	5,400	58	313,000	7,500	5,800	72	418,000
Calumet	4,600	2,800	62	174,000	3,600	2,500	88	220,000
Door	6,900	5,300	67	355,000	6,800	5,100	71	360,000
Fond du Lac	10,700	6,300	76	480,000	8,600	5,000	81	404,000
Kewaunee	9,800	6,800	69	471,000	9,700	6,700	77	515,000
Manitowoc	12,400	8,500	63	537,000	9,600	6,700	74	497,000
Outagamie	6,000	3,500	71	249,000	4,700	2,700	77	207,000
Sheboygan	8,000	5,400	68	367,000	5,800	4,600	83	383,000
Winnebago	3,500	2,000	57	114,000	2,700	1,900	87	166,000
EC District	70,000	46,000	67	3,060,000	59,000	41,000	77	3,170,000

OATS: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003, Continued

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Crawford	6,800	3,400	56	191,000	4,900	3,300	67	222,000
Grant	22,700	12,900	68	875,000	16,600	10,400	79	820,000
Iowa	9,400	4,000	68	271,000	8,200	3,400	82	279,000
Lafayette	11,900	4,900	67	330,000	8,800	4,300	83	356,000
Richland	5,300	2,100	51	108,000	4,900	1,800	59	106,000
Sauk	8,900	4,500	60	271,000	7,400	4,200	69	291,000
Vernon	12,000	6,200	57	354,000	9,200	4,600	71	326,000
SW District	77,000	38,000	63	2,400,000	60,000	32,000	75	2,400,000
Columbia	5,000	3,300	66	218,000	5,200	3,600	65	235,000
Dane	10,800	5,000	66	329,000	10,000	5,400	80	431,000
Dodge	10,700	6,200	78	481,000	9,100	6,000	93	555,000
Green	11,500	5,700	67	384,000	9,300	4,900	90	441,000
Jefferson	4,000	2,000	67	133,000	4,500	2,200	68	149,000
Rock	5,000	1,800	58	105,000	4,900	3,900	89	349,000
SC District	47,000	24,000	69	1,650,000	43,000	26,000	83	2,160,000
Kenosha 1/	—	—	—	—	—	—	—	—
Milwaukee 1/	—	—	—	—	—	—	—	—
Ozaukee	2,700	2,000	67	133,000	2,100	1,700	80	136,000
Racine	1,100	800	71	57,000	900	600	83	50,000
Walworth	2,500	1,100	62	68,000	3,200	2,000	87	174,000
Washington	5,100	4,100	72	297,000	4,400	3,100	84	259,000
Waukesha	1,500	1,300	59	77,000	1,400	1,100	67	74,000
SE District	14,000	10,000	67	670,000	13,000	9,000	81	730,000
State	430,000	250,000	60	15,000,000	380,000	230,000	67	15,410,000

1/Not published, but included in total.



WINTER WHEAT: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

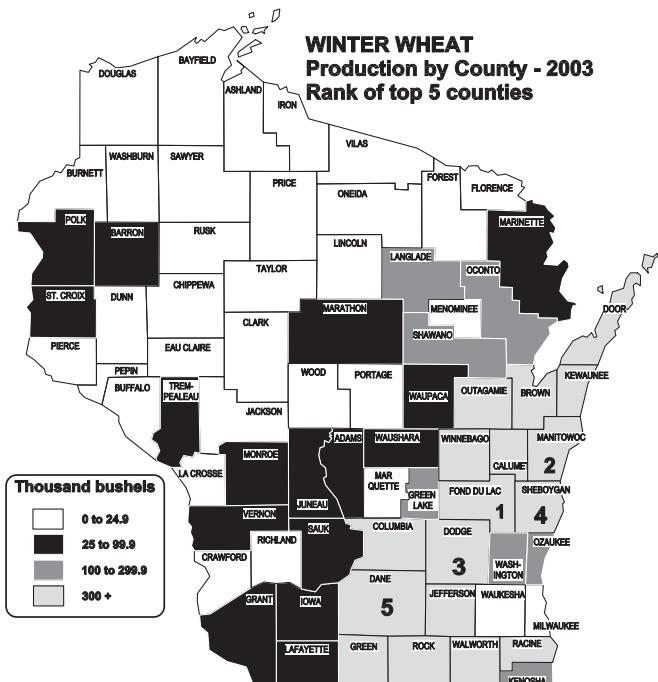
County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Barron	4,000	3,800	41	155,300	1,100	900	61	54,500
Burnett	800	700	51	35,500	2/	—	—	—
Polk	1,900	1,400	46	64,300	900	800	44	35,000
NW District 1/	8,000	6,900	43	299,000	3,100	2,700	49	131,000
Clark	900	700	55	38,400	2/	—	—	—
Marathon	2,100	2,000	50	99,000	800	600	54	32,600
NC District 1/	3,500	3,000	50	151,000	1,700	1,200	55	66,000
Langlade	2,500	2,400	49	118,400	2,300	2,000	68	135,500
Marinette	1,500	1,400	47	65,200	1,000	900	42	37,700
Oconto	5,300	5,200	55	286,000	4,200	3,700	54	200,300
Shawano	3,400	3,100	56	172,400	3,400	2,900	48	140,500
NE District 1/	12,700	12,100	53	642,000	10,900	9,500	54	514,000
Dunn	1,200	1,100	49	53,500	2/	—	—	—
Monroe	2/	—	—	—	600	500	69	34,500
St. Croix	3,200	3,100	62	192,000	900	700	57	39,900
Trempealeau	1,300	1,000	52	52,000	900	800	59	47,200
WC District 1/	8,000	6,600	56	367,000	3,900	3,100	59	183,000
Adams	1,200	600	50	30,000	2,000	600	51	30,600
Green Lake	3,300	3,200	68	216,200	3,600	3,300	63	208,700
Juneau	1,000	1,000	57	56,800	2,000	700	48	33,600
Marquette	600	600	54	32,400	900	600	40	24,000
Waupaca	1,700	1,200	57	68,800	2,000	1,600	46	74,200
Waushara	1,700	1,100	44	48,900	1,900	700	39	27,300
C District 1/	11,400	8,300	58	479,000	14,600	7,900	53	418,000
Brown	9,700	9,500	57	541,900	10,600	9,300	66	611,600
Calumet	8,700	8,400	64	541,200	8,800	7,700	72	551,800
Door	8,300	7,900	59	468,900	8,800	7,800	63	492,700
Fond du Lac	12,900	12,200	66	805,100	13,200	11,500	73	841,000
Kewaunee	7,500	7,400	62	462,400	7,800	6,900	68	467,100
Manitowoc	12,800	12,400	63	783,700	12,600	11,100	70	772,400
Outagamie	9,100	8,700	58	500,500	7,400	6,600	67	442,200
Sheboygan	10,500	10,400	61	635,300	11,300	9,800	71	697,400
Winnebago	8,500	7,600	62	468,000	6,800	6,100	69	423,800
EC District	88,000	84,500	62	5,207,000	87,300	76,800	69	5,300,000
Grant	800	700	60	42,100	900	800	72	57,300
Iowa	900	500	65	32,700	1,200	1,000	71	70,500
Lafayette	2/	—	—	—	1,200	1,000	69	69,400
Sauk	1,900	1,800	54	98,000	2,000	1,600	59	94,400
Vernon	800	600	60	35,700	1,000	900	58	52,200
SW District 1/	6,000	4,500	57	257,000	7,100	6,000	65	390,000
Columbia	6,100	5,900	69	406,600	6,400	5,600	73	411,500
Dane	6,800	6,600	69	452,500	9,400	8,200	79	648,600
Dodge	9,400	9,200	66	610,000	10,000	8,800	80	704,700
Green	3,900	3,400	62	209,600	5,300	4,600	73	338,000
Jefferson	4,500	4,200	61	256,100	5,300	4,600	68	311,900
Rock	5,500	5,200	66	343,200	8,300	7,300	81	591,300
SC District	36,200	34,500	66	2,278,000	44,700	39,100	77	3,006,000
Kenosha	3,900	3,800	68	257,500	3,600	3,300	74	244,200
Ozaukee	4,200	4,100	64	261,800	4,100	3,600	68	244,800
Racine	7,000	6,800	68	464,300	9,000	8,200	76	620,100
Walworth	4,500	3,600	63	225,400	7,700	7,100	74	527,100
Washington	4,400	4,300	65	280,300	5,000	4,400	67	294,800
SE District 1/	26,200	24,600	65	1,605,000	31,700	28,700	72	2,067,000
State	200,000	185,000	61	11,285,000	205,000	175,000	69	12,075,000

1/Total includes unpublished counties. 2/Not published, but included in total.

BARLEY: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

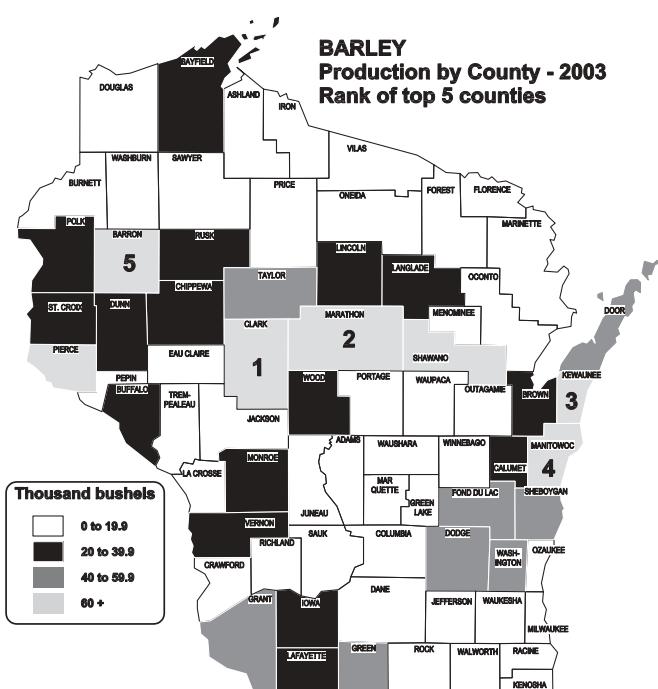
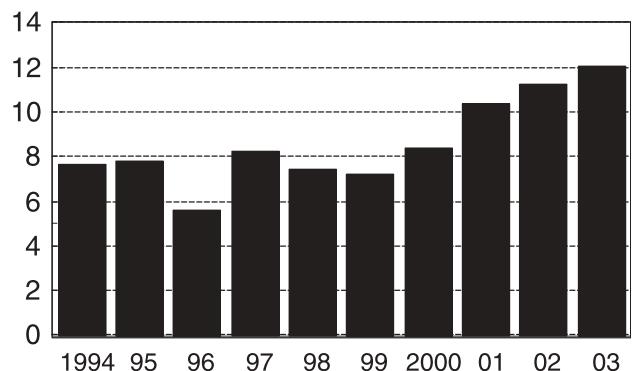
County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
Barron	2,100	1,200	44	52,500	2,400	1,600	46	73,600
Bayfield	700	600	48	29,000	700	600	55	33,000
Chippewa	1,600	900	43	39,000	1,400	900	41	36,900
Polk	900	500	40	20,000	800	600	45	27,000
Rusk	2/	—	—	—	1,100	500	46	23,000
NW District 1/	7,000	3,900	44	171,000	7,000	4,500	45	203,700
Ashland	600	500	45	22,500	800	500	40	19,800
Clark	5,000	3,800	43	162,000	4,600	3,100	48	147,300
Lincoln	900	800	52	41,500	800	700	48	33,300
Marathon	4,400	2,700	41	111,000	4,000	2,700	53	143,800
Taylor	1,600	800	38	30,000	1,400	1,000	48	47,500
NC District 1/	13,000	9,000	43	385,000	12,000	8,400	48	403,500
Langlade	900	700	51	35,500	800	600	60	36,000
Shawano	1,800	1,300	45	58,000	1,900	1,100	58	63,800
NE District 1/	4,000	2,700	45	121,000	3,600	2,300	55	126,100
Buffalo	900	700	48	33,500	1,700	700	55	38,400
Dunn	1,300	800	45	36,000	1,600	900	37	33,600
Eau Claire	1,100	800	39	31,000	700	500	38	19,100
Monroe	2/	—	—	—	700	500	56	27,900
Pierce	2,000	1,300	46	60,000	1,600	1,300	55	71,600
St. Croix	1,000	700	39	27,500	1,100	700	41	28,500
WC District 1/	8,500	5,600	45	251,000	8,900	5,500	49	268,600
Waupaca	800	500	45	22,500	2/	—	—	—
Wood	1,200	600	43	25,600	1,300	600	57	34,100
C District 1/	3,000	1,800	45	81,000	3,000	1,500	62	92,400
Brown	900	600	45	27,000	700	600	50	29,700
Calumet	2/	—	—	—	700	500	63	31,500
Door	900	700	49	34,000	1,000	900	55	49,800
Fond du Lac	1,000	800	59	47,000	1,000	800	57	45,900
Kewaunee	1,400	1,100	52	57,000	1,400	1,100	72	79,600
Manitowoc	1,700	1,200	55	66,000	1,700	1,000	77	77,400
Sheboygan	1,000	800	54	43,000	900	700	67	46,600
EC District 1/	8,000	5,900	52	308,000	8,000	6,000	64	382,600
Grant	1,100	600	58	35,000	1,000	700	81	56,900
Iowa	1,000	600	50	30,000	900	600	62	37,400
Lafayette	1,200	700	66	46,000	1,000	600	61	36,300
Vernon	1,000	500	49	24,500	1,000	500	59	29,500
SW District 1/	6,000	3,100	55	170,000	5,700	3,100	65	201,500
Dodge	1,100	500	56	28,000	1,300	700	66	46,300
Green	1,100	500	52	26,000	1,100	700	63	43,800
SC District 1/	3,500	1,700	51	87,000	4,900	2,300	62	142,600
Washington	1,100	700	61	43,000	900	700	80	55,900
SE District 1/	2,000	1,300	55	71,000	1,900	1,400	74	104,000
State	55,000	35,000	47	1,645,000	55,000	35,000	55	1,925,000

1/Total includes unpublished counties. 2/Not published, but included in total.



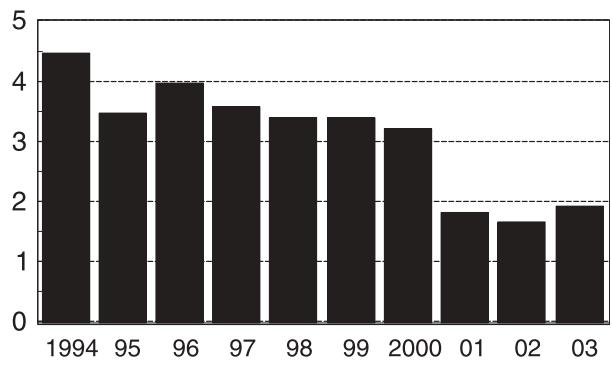
WISCONSIN WINTER WHEAT PRODUCTION

Million bushels



WISCONSIN BARLEY PRODUCTION

Million bushels



FORAGE AND HAY SUMMARY: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Acres harvested	Yield per acre	Production	Value	
				Per ton	Total
	Acres	Tons	1,000 tons	Dollars	1,000 dollars
ALL FORAGE 1/, (DRY EQUIVALENT)					
1999	3,600,000	4.14	14,915	—	—
2000	3,100,000	3.78	11,733	—	—
2001	3,000,000	3.46	10,367	—	—
2002	3,050,000	3.31	10,103	—	—
2003	3,000,000	2.92	8,760	—	—
ALL ALFALFA FORAGE 1/ (DRY EQUIVALENT)					
1999	3,000,000	4.44	13,310	—	—
2000	2,600,000	4.13	10,738	—	—
2001	2,500,000	3.76	9,391	—	—
2002	2,500,000	3.62	9,049	—	—
2003	2,400,000	3.20	7,684	—	—
ALL HAY (DRY ONLY)					
1999	2,550,000	2.91	7,410	47.00	368,220
2000	2,100,000	2.86	6,000	41.50	281,400
2001	2,050,000	2.38	4,880	55.00	279,015
2002	2,050,000	2.60	5,340	70.00	373,050
2003	2,100,000	2.09	4,380	79.00	345,080
ALFALFA HAY (DRY ONLY)					
1999	2,100,000	3.10	6,510	52.00	338,520
2000	1,800,000	3.00	5,400	49.50	267,300
2001	1,700,000	2.50	4,250	61.50	261,375
2002	1,650,000	2.80	4,620	73.50	339,570
2003	1,600,000	2.30	3,680	83.50	307,280
ALL OTHER HAY 2/ (DRY ONLY)					
1999	450,000	2.00	900	33.00	29,700
2000	300,000	2.00	600	23.50	14,100
2001	350,000	1.80	630	28.00	17,640
2002	400,000	1.80	720	46.50	33,480
2003	500,000	1.40	700	54.00	37,800

1/Includes all acreage harvested for dry hay and/or haylage and all production from those acres on a dry equivalent basis. 2/Includes clover, timothy, and other types.

PRICES RECEIVED BY FARMERS FOR HAY: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per ton												
ALFALFA HAY (BALED)												
1999	75.00	70.00	65.00	70.00	70.00	50.00	50.00	50.00	50.00	50.00	50.00	60.00
2000	60.00	55.00	55.00	55.00	50.00	45.00	45.00	40.00	45.00	45.00	50.00	60.00
2001	60.00	55.00	55.00	55.00	55.00	55.00	50.00	65.00	60.00	60.00	65.00	65.00
2002	65.00	65.00	65.00	70.00	70.00	70.00	65.00	70.00	70.00	75.00	75.00	70.00
2003	80.00	85.00	80.00	85.00	75.00	60.00	70.00	75.00	70.00	75.00	95.00	105.00
ALL OTHER HAY (BALED)												
1999	50.00	50.00	45.00	45.00	45.00	40.00	40.00	35.00	35.00	35.00	35.00	35.00
2000	30.00	30.00	25.00	30.00	25.00	20.00	20.00	20.00	20.00	20.00	25.00	30.00
2001	35.00	30.00	30.00	30.00	30.00	25.00	20.00	30.00	30.00	30.00	25.00	25.00
2002	30.00	30.00	30.00	35.00	45.00	40.00	30.00	30.00	40.00	55.00	55.00	60.00
2003	60.00	60.00	50.00	55.00	55.00	35.00	55.00	55.00	40.00	45.00	65.00	50.00

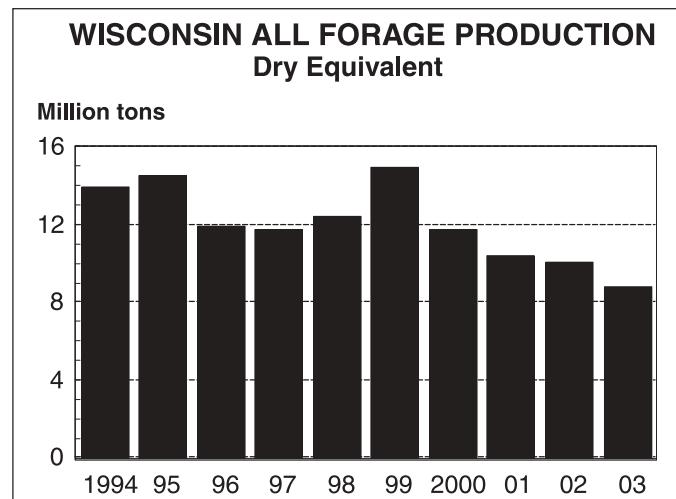
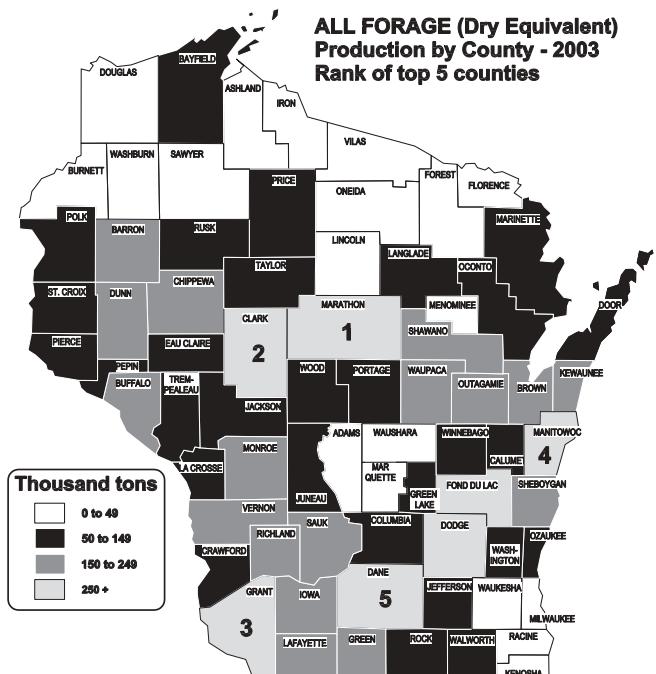
ALL FORAGE: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production 2/	Acres harvested	Yield per acre	Production 2/
	Acres	Tons		Acres	Tons	
Barron	81,700	2.9	239,800	78,800	2.4	189,700
Bayfield	33,900	2.1	70,300	37,900	1.5	57,700
Burnett	18,200	2.8	50,700	17,700	1.6	29,100
Chippewa	83,300	3.2	269,800	75,600	2.1	161,100
Douglas	24,900	1.8	44,300	30,800	1.5	47,100
Polk	58,900	3.0	179,500	56,500	2.1	120,300
Rusk	45,500	2.6	116,700	46,400	1.8	82,800
Sawyer	14,300	2.3	33,500	14,000	1.8	25,200
Washburn	21,300	2.2	46,400	23,300	1.5	35,000
NW District	382,000	2.8	1,051,000	381,000	2.0	748,000
Ashland	20,100	2.3	46,400	22,500	2.0	44,000
Clark	131,900	3.1	413,000	129,200	2.5	324,400
Iron	3,300	1.9	6,200	3,900	1.8	6,900
Lincoln	25,900	2.6	66,200	27,900	1.6	45,200
Marathon	145,600	3.0	436,800	139,800	2.4	337,000
Oneida	3,700	1.5	5,600	4,300	1.7	7,200
Price	28,700	2.0	58,200	31,400	1.8	56,900
Taylor	58,700	2.6	149,800	57,400	2.3	133,700
Vilas	1,100	2.5	2,800	1,600	1.7	2,700
NC District	419,000	2.8	1,185,000	418,000	2.3	958,000
Florence	5,700	2.0	11,200	6,000	1.5	9,100
Forest	7,600	2.2	16,400	8,600	1.2	10,500
Langlade	27,400	2.8	76,200	25,300	2.2	54,700
Marinette	33,800	3.2	108,800	31,400	2.5	79,600
Oconto	47,200	3.6	170,400	44,700	3.1	136,500
Shawano	75,300	3.4	259,000	73,000	3.1	227,600
NE District	197,000	3.3	642,000	189,000	2.7	518,000
Buffalo	53,900	3.7	199,600	53,800	3.0	163,200
Dunn	63,800	3.4	216,300	64,700	3.0	194,800
Eau Claire	38,100	3.3	124,100	36,600	2.5	90,300
Jackson	36,600	3.2	118,700	35,800	2.8	100,600
La Crosse	29,900	3.5	104,800	29,000	2.9	83,000
Monroe	66,800	3.3	223,100	66,000	3.0	198,900
Pepin	21,300	3.6	75,700	19,900	3.1	61,600
Pierce	46,200	3.4	159,100	43,900	2.8	123,300
St. Croix	57,300	3.4	195,400	54,900	2.5	135,500
Trempealeau	58,100	3.5	206,200	57,400	2.6	146,800
WC District	472,000	3.4	1,623,000	462,000	2.8	1,298,000
Adams	11,100	3.0	33,800	10,800	2.5	26,700
Green Lake	17,500	3.1	53,700	16,200	3.2	51,600
Juneau	21,700	3.2	69,200	21,000	2.7	56,600
Marquette	21,200	2.9	61,900	20,700	2.4	48,700
Portage	54,800	2.9	158,200	53,000	2.4	128,000
Waupaca	58,300	3.3	192,400	57,500	3.4	196,600
Waushara	19,800	3.1	60,800	20,200	2.4	47,900
Wood	56,600	3.2	182,000	57,600	2.3	132,900
C District	261,000	3.1	812,000	257,000	2.7	689,000
Brown	59,200	3.7	218,000	58,100	3.9	223,800
Calumet	37,500	3.2	119,500	36,100	3.7	133,700
Door	27,400	3.3	90,700	24,900	3.1	77,200
Fond du Lac	70,100	3.6	250,600	67,700	4.0	269,000
Kewaunee	51,200	3.3	169,300	50,400	4.1	205,300
Manitowoc	72,100	3.6	256,200	70,800	3.9	272,800
Outagamie	51,600	3.6	187,800	52,600	4.0	211,800
Sheboygan	50,100	3.4	168,400	48,200	3.2	154,500
Winnebago	26,800	3.3	87,500	26,200	3.4	89,900
EC District	446,000	3.5	1,548,000	435,000	3.8	1,638,000

ALL FORAGE: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production 2/	Acres harvested	Yield per acre	Production 2/
	Acres	Tons		Acres	Tons	
Crawford	41,100	3.4	139,600	39,600	3.2	127,900
Grant	102,500	4.2	426,800	101,000	3.2	322,200
Iowa	58,700	3.8	221,200	60,100	3.6	215,200
Lafayette	59,200	4.5	265,200	58,000	3.6	211,300
Richland	50,300	3.4	173,000	50,400	3.2	162,800
Sauk	69,000	3.8	259,400	65,800	3.3	219,400
Vernon	77,200	3.5	266,800	76,100	2.8	211,200
SW District	458,000	3.8	1,752,000	451,000	3.3	1,470,000
Columbia	41,300	3.3	134,600	40,300	3.4	136,600
Dane	77,000	3.9	298,900	74,500	3.6	271,600
Dodge	68,300	3.8	261,400	66,500	4.0	265,400
Green	73,300	3.7	272,100	71,000	3.4	240,300
Jefferson	29,300	3.4	98,400	30,100	3.7	111,400
Rock	28,800	3.4	98,600	28,600	3.5	98,700
SC District	318,000	3.7	1,164,000	311,000	3.6	1,124,000
Kenosha	8,200	2.9	23,800	8,000	3.6	28,400
Milwaukee	700	3.1	2,200	600	3.3	2,000
Ozaukee	16,400	3.4	56,500	16,400	3.5	57,400
Racine	9,200	3.0	27,800	9,300	3.3	31,100
Walworth	19,900	3.5	69,300	19,800	3.3	64,800
Washington	28,300	3.6	103,000	28,200	3.6	101,000
Waukesha	14,300	3.0	43,400	13,700	2.4	32,300
SE District	97,000	3.4	326,000	96,000	3.3	317,000
State	3,050,000	3.31	10,103,000	3,000,000	2.92	8,760,000

1/Forage production includes all forms of harvested hay on a dry equivalent basis. Several assumptions are made to convert haylage and greenchop to a dry equivalent basis. Haylage production is based on haylage weight at harvest and then converted to dry equivalent production. Factors used were: one ton of dry, baled hay = 0.87 ton dry matter; one ton of haylage = 0.45 ton dry matter; one ton of greenchop = 0.25 ton dry matter; green chop = 15% of haylage production; hay ensilage = 85% of haylage production; all hay production is at a dry equivalent of 13% moisture. 2/All forage production is the sum of the following dry equivalents: a)alfalfa hay harvested as dry hay, b)all other hay harvested as dry hay, c)alfalfa haylage and greenchop, d)all other hay haylage and greenchop.



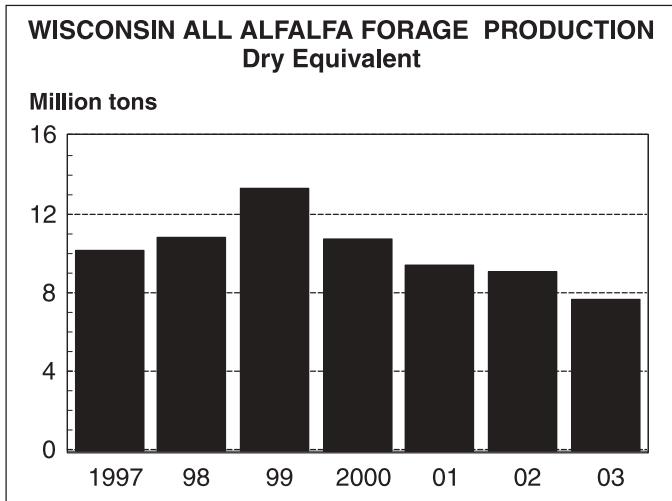
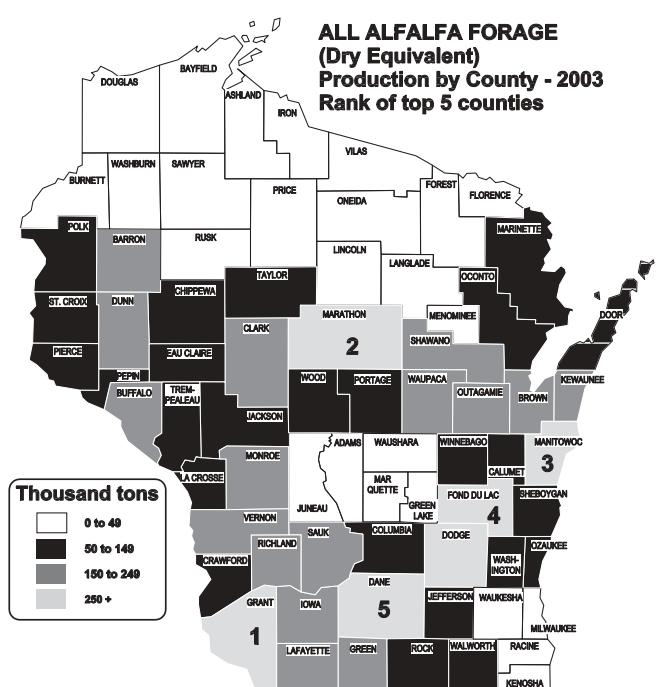
ALL ALFALFA FORAGE: Acreage, Yield, and Production (Dry Equivalent), By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production 2/	Acres harvested	Yield per acre	Production 2/
	Acres	Tons		Acres	Tons	
Barron	66,300	3.2	209,000	60,300	2.6	158,400
Bayfield	11,000	3.1	34,000	9,700	1.6	15,900
Burnett	13,300	3.3	43,400	12,000	1.8	21,200
Chippewa	65,000	3.6	232,800	55,700	2.3	127,000
Douglas	7,000	2.8	19,400	8,400	2.0	16,400
Polk	48,000	3.3	159,400	43,000	2.2	96,100
Rusk	19,000	3.3	62,000	16,700	1.9	31,400
Sawyer	7,300	3.1	22,300	6,100	1.8	10,800
Washburn	14,100	2.4	33,700	12,100	1.8	21,800
NW District	251,000	3.3	816,000	224,000	2.2	499,000
Ashland	6,000	3.9	23,600	6,700	2.6	17,600
Clark	84,700	3.8	319,100	82,700	2.9	238,400
Iron	1,100	2.5	2,800	1,100	2.3	2,500
Lincoln	13,800	3.4	46,800	12,700	1.8	23,400
Marathon	104,000	3.4	350,800	98,200	2.7	265,600
Oneida	1,400	1.9	2,600	1,800	2.3	4,200
Price	8,800	2.9	25,100	9,000	2.2	19,900
Taylor	23,700	3.4	80,300	23,100	2.8	64,000
Vilas	500	3.8	1,900	700	2.0	1,400
NC District	244,000	3.5	853,000	236,000	2.7	637,000
Florence	3,000	2.4	7,100	3,200	1.6	5,100
Forest	4,100	2.7	10,900	4,600	1.3	5,800
Langlade	17,900	3.2	57,800	14,400	2.4	34,000
Marinette	28,600	3.5	99,100	25,100	2.7	68,200
Oconto	41,800	3.8	160,000	38,700	3.2	122,700
Shawano	69,600	3.5	246,100	67,000	3.2	217,200
NE District	165,000	3.5	581,000	153,000	3.0	453,000
Buffalo	48,500	3.9	189,200	48,000	3.1	150,900
Dunn	57,600	3.5	204,000	58,000	3.1	177,900
Eau Claire	32,600	3.5	113,300	31,000	2.6	79,600
Jackson	33,500	3.4	113,700	32,100	2.9	93,900
La Crosse	27,200	3.7	99,900	25,800	2.9	75,300
Monroe	61,000	3.5	211,800	60,200	3.1	187,600
Pepin	20,100	3.6	73,000	18,500	3.2	59,600
Pierce	42,000	3.6	150,200	39,700	2.9	115,300
St. Croix	49,000	3.7	181,000	45,400	2.7	121,600
Trempealeau	52,500	3.7	194,900	50,300	2.7	137,300
WC District	424,000	3.6	1,531,000	409,000	2.9	1,199,000
Adams	10,400	3.2	32,800	9,900	2.5	24,900
Green Lake	15,300	3.3	49,900	13,800	3.4	47,000
Juneau	17,100	3.5	60,100	17,300	2.8	48,800
Marquette	19,700	3.0	60,000	19,300	2.4	46,500
Portage	45,400	3.1	140,300	42,700	2.6	109,800
Waupaca	53,000	3.4	181,500	51,900	3.6	186,700
Waushara	16,000	3.4	54,100	15,900	2.6	41,300
Wood	38,100	3.7	142,300	40,200	2.5	101,000
C District	215,000	3.4	721,000	211,000	2.9	606,000
Brown	56,000	3.8	211,400	54,900	4.0	217,900
Calumet	34,900	3.3	113,900	33,600	3.9	129,600
Door	25,500	3.4	86,400	23,100	3.2	73,200
Fond du Lac	64,500	3.7	239,100	61,500	4.2	256,500
Kewaunee	46,800	3.5	161,600	46,500	4.3	197,800
Manitowoc	65,400	3.7	240,500	64,400	4.0	257,400
Outagamie	47,000	3.8	178,400	46,800	4.3	202,200
Sheboygan	46,000	3.5	160,700	44,600	3.3	146,200
Winnebago	22,900	3.5	80,000	22,600	3.6	81,200
EC District	409,000	3.6	1,472,000	398,000	3.9	1,562,000

ALL ALFALFA FORAGE: Acreage, Yield, & Production (Dry Equivalents), By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production 2/	Acres harvested	Yield per acre	Production 2/
	Acres	Tons		Acres	Tons	
Crawford	37,800	3.5	133,400	36,000	3.4	121,000
Grant	94,800	4.3	409,500	93,300	3.3	306,900
Iowa	54,200	3.9	212,500	54,800	3.8	205,900
Lafayette	53,700	4.7	253,100	52,400	3.8	198,700
Richland	44,900	3.6	162,600	43,000	3.5	151,200
Sauk	62,700	3.9	245,900	58,900	3.5	204,100
Vernon	69,900	3.6	253,000	67,600	2.9	195,200
SW District	418,000	4.0	1,670,000	406,000	3.4	1,383,000
Columbia	36,200	3.5	124,900	33,700	3.6	121,700
Dane	69,000	4.1	281,700	66,400	3.8	253,600
Dodge	61,900	4.0	248,000	59,800	4.2	250,200
Green	68,300	3.8	261,700	65,800	3.5	228,200
Jefferson	25,500	3.6	90,700	25,700	3.9	101,500
Rock	26,100	3.6	93,000	25,600	3.6	91,800
SC District	287,000	3.8	1,100,000	277,000	3.8	1,047,000
Kenosha	7,100	3.1	21,700	6,900	3.8	26,100
Milwaukee	600	3.3	2,000	500	3.6	1,800
Ozaukee	14,800	3.6	53,100	14,900	3.7	54,500
Racine	8,400	3.1	26,300	8,400	3.5	29,700
Walworth	17,600	3.7	64,700	17,700	3.4	60,600
Washington	26,000	3.7	97,300	25,900	3.7	95,800
Waukesha	12,500	3.2	39,900	11,700	2.5	29,500
SE District	87,000	3.5	305,000	86,000	3.5	298,000
State	2,500,000	3.62	9,049,000	2,400,000	3.2	7,684,000

1/All alfalfa forage includes all alfalfa acreage and production on a dry equivalent basis. The same assumptions are made to convert haylage and green chop to a dry equivalent for all alfalfa hay as for all hay (see forage footnote). 2/All alfalfa production is the sum of alfalfa hay harvested as dry hay and alfalfa haylage and green chop production (dry equivalent).



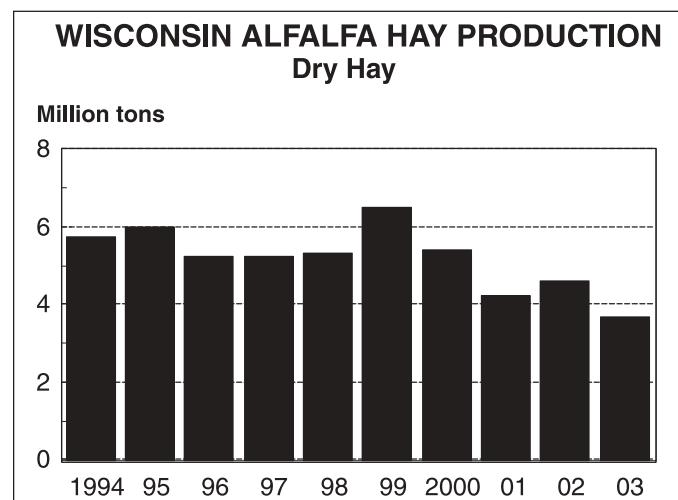
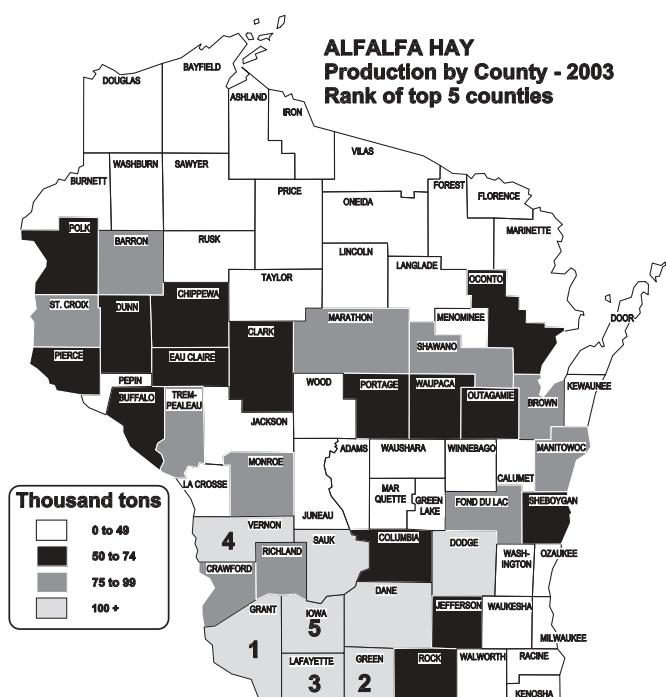
ALFALFA HAY HARVESTED AS DRY HAY: Acreage, Yield, & Production, By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Tons		Acres	Tons	
Barron	44,700	2.4	109,000	43,300	1.9	81,700
Bayfield	9,700	2.2	20,900	8,700	1.4	11,800
Burnett	11,400	2.5	29,000	10,800	1.6	17,100
Chippewa	43,700	2.7	118,000	41,000	1.6	66,500
Douglas	6,700	1.8	12,000	7,500	1.6	11,900
Polk	34,200	2.7	94,000	33,900	1.8	62,400
Rusk	15,700	2.1	33,400	15,600	1.7	26,300
Sawyer	6,500	2.3	14,700	5,700	1.7	9,500
Washburn	10,400	2.1	22,000	10,500	1.5	15,800
NW District	183,000	2.5	453,000	177,000	1.7	303,000
Ashland	5,200	2.5	13,200	5,700	2.3	13,000
Clark	45,900	2.4	112,000	44,800	1.6	71,100
Iron	900	1.4	1,300	700	1.3	900
Lincoln	12,400	2.4	30,000	11,200	1.6	17,900
Marathon	56,700	2.5	143,000	54,000	1.6	88,700
Oneida	1,300	1.4	1,800	1,300	1.9	2,500
Price	7,300	2.0	14,400	7,500	2.0	14,700
Taylor	14,800	2.4	35,000	14,300	1.9	26,500
Vilas	500	2.6	1,300	500	1.4	700
NC District	145,000	2.4	352,000	140,000	1.7	236,000
Florence	2,900	2.1	6,000	2,900	1.4	4,200
Forest	3,900	2.2	8,400	4,200	1.1	4,500
Langlade	9,300	2.5	23,200	9,100	1.2	11,200
Marinette	19,500	2.4	47,400	17,700	2.0	35,400
Oconto	24,900	2.8	70,000	24,300	2.2	52,500
Shawano	41,500	2.7	113,000	40,800	2.1	86,200
NE District	102,000	2.6	268,000	99,000	2.0	194,000
Buffalo	32,700	3.1	100,000	32,800	2.2	71,200
Dunn	35,200	2.5	88,000	34,400	2.0	70,300
Eau Claire	25,100	2.8	70,000	24,100	2.2	53,200
Jackson	24,100	2.6	62,000	23,000	2.1	48,900
La Crosse	19,800	3.0	58,500	19,700	2.2	43,700
Monroe	43,100	2.7	116,000	41,100	2.1	86,200
Pepin	13,600	2.8	37,500	12,200	2.3	28,200
Pierce	28,400	3.0	84,000	27,800	2.0	56,200
St. Croix	37,000	2.8	103,000	34,200	2.2	76,600
Trempealeau	36,000	2.8	102,000	34,700	2.2	75,500
WC District	295,000	2.8	821,000	284,000	2.1	610,000
Adams	7,700	2.9	22,400	7,500	2.2	16,800
Green Lake	9,900	2.6	26,200	9,400	2.6	24,800
Juneau	12,100	2.7	32,500	12,000	1.9	23,300
Marquette	12,800	2.6	33,400	12,700	1.9	24,600
Portage	27,500	2.7	74,500	26,500	2.1	55,300
Waupaca	31,100	2.6	82,000	29,100	2.1	61,900
Waushara	11,200	2.7	30,000	11,600	1.9	22,000
Wood	22,700	2.8	63,000	22,200	1.6	36,300
C District	135,000	2.7	364,000	131,000	2.0	265,000
Brown	29,900	2.5	76,000	29,200	2.6	76,800
Calumet	17,100	2.7	46,300	16,200	2.2	35,700
Door	16,700	2.8	46,000	15,500	2.5	38,300
Fond du Lac	33,500	2.8	94,000	33,400	2.5	84,900
Kewaunee	23,100	2.5	58,000	22,100	2.2	48,100
Manitowoc	36,800	2.7	100,000	35,400	2.2	79,500
Outagamie	24,900	2.7	67,000	24,800	2.7	67,700
Sheboygan	24,800	3.0	74,000	25,000	2.1	51,900
Winnebago	14,200	2.7	37,700	14,400	2.2	31,100
EC District	221,000	2.7	599,000	216,000	2.4	514,000

ALFALFA HAY HARVESTED AS DRY HAY: Acreage, Yield, & Production, By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Tons		Acres	Tons	
Crawford	32,000	2.9	94,200	30,000	2.8	85,300
Grant	75,700	3.5	263,000	73,300	2.9	215,500
Iowa	39,300	3.2	127,100	39,500	3.0	120,200
Lafayette	41,500	3.7	155,000	40,800	3.1	128,000
Richland	32,400	3.0	96,700	32,000	3.0	97,500
Sauk	40,900	3.0	122,000	39,100	2.7	107,000
Vernon	55,200	3.0	165,000	53,300	2.3	124,500
SW District	317,000	3.2	1,023,000	308,000	2.9	878,000
Columbia	25,300	3.0	76,500	24,000	3.0	71,500
Dane	38,300	3.0	116,000	37,200	2.8	105,700
Dodge	40,500	2.9	118,000	38,200	2.9	112,400
Green	50,600	3.0	152,000	48,000	2.7	130,100
Jefferson	17,900	2.8	50,000	18,100	2.9	52,600
Rock	20,400	2.9	58,500	20,500	3.0	61,700
SC District	193,000	3.0	571,000	186,000	2.9	534,000
Kenosha	5,100	2.7	13,700	5,000	2.8	14,100
Milwaukee	400	3.3	1,300	400	3.0	1,200
Ozaukee	8,500	2.9	25,000	9,000	2.5	22,600
Racine	6,600	2.8	18,300	7,000	3.0	20,900
Walworth	12,500	2.9	36,700	12,300	2.2	27,600
Washington	15,400	2.9	44,600	15,200	2.5	37,600
Waukesha	10,500	2.8	29,400	10,100	2.2	22,000
SE District	59,000	2.9	169,000	59,000	2.5	146,000
State	1,650,000	2.8	4,620,000	1,600,000	2.3	3,680,000

1/Yield figures for this table include only alfalfa and alfalfa mixtures that were harvested as dry hay. Alfalfa harvested as greenchop or silage is not included. For an estimate of per acre yields of alfalfa in all forms (wet and dry), see the table for all alfalfa hay.



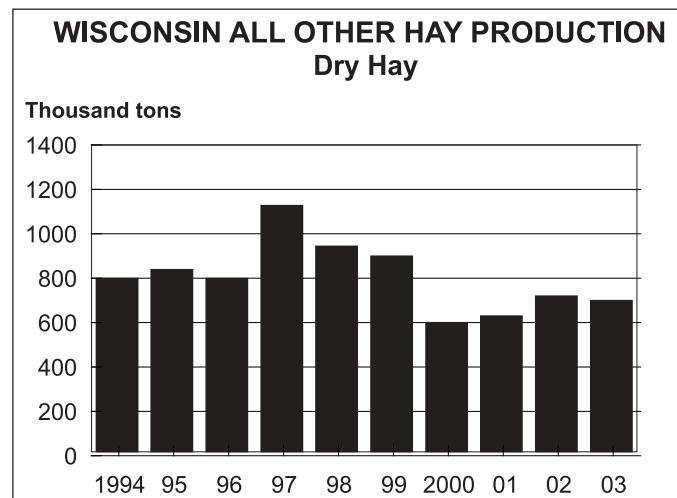
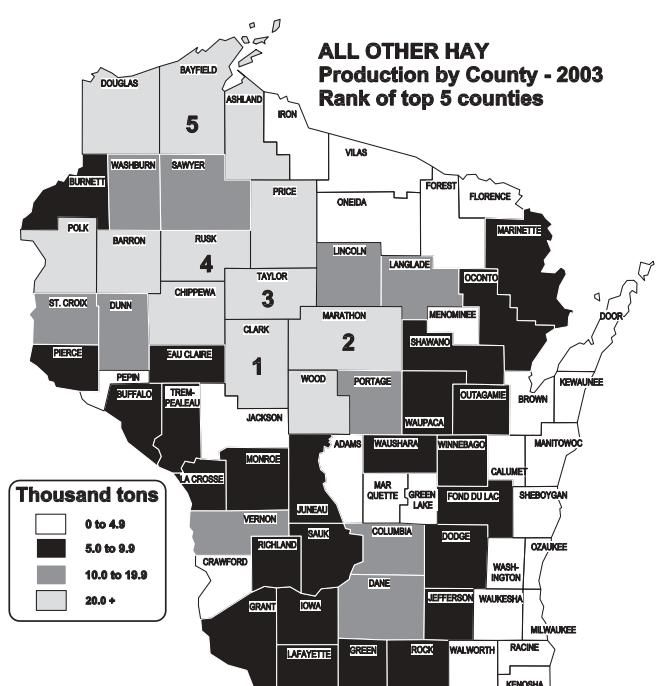
ALL OTHER HAY HARVESTED AS DRY HAY: Acreage, Yield, & Production, By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Tons		Acres	Tons	
Barron	13,000	1.9	25,000	16,500	1.5	24,600
Bayfield	18,400	1.6	29,000	25,500	1.3	33,700
Burnett	4,200	1.3	5,500	5,200	1.2	6,200
Chippewa	13,100	1.9	25,000	16,400	1.3	20,800
Douglas	16,200	1.3	21,400	21,200	1.2	26,100
Polk	9,400	1.7	16,400	12,400	1.6	20,400
Rusk	20,200	2.0	40,000	26,000	1.4	35,200
Sawyer	6,100	1.6	9,700	7,300	1.6	12,000
Washburn	6,400	1.7	11,000	10,500	1.0	11,000
NW District	107,000	1.7	183,000	141,000	1.3	190,000
Ashland	11,800	1.5	17,400	14,300	1.5	20,800
Clark	31,100	1.9	59,000	35,800	1.4	48,400
Iron	1,600	1.4	2,200	2,300	1.1	2,500
Lincoln	10,500	1.5	15,400	14,100	1.2	17,300
Marathon	25,700	1.9	49,000	31,000	1.2	38,700
Oneida	2,200	1.2	2,700	2,400	1.1	2,700
Price	16,200	1.6	26,600	19,700	1.4	27,800
Taylor	22,400	1.9	42,000	25,600	1.4	35,800
Vilas	500	1.4	700	800	1.3	1,000
NC District	122,000	1.8	215,000	146,000	1.3	195,000
Florence	2,000	1.5	3,000	2,500	1.0	2,400
Forest	3,300	1.6	5,200	3,900	1.1	4,200
Langlade	8,300	1.8	15,300	9,800	1.5	14,800
Marinette	3,800	1.7	6,300	5,300	1.2	6,100
Oconto	4,000	1.9	7,700	5,000	1.7	8,400
Shawano	3,600	2.1	7,500	4,500	1.1	5,100
NE District	25,000	1.8	45,000	31,000	1.3	41,000
Buffalo	3,600	1.7	6,000	4,600	1.4	6,600
Dunn	4,400	2.0	8,900	5,600	1.9	10,900
Eau Claire	4,700	2.0	9,200	5,200	1.6	8,500
Jackson	2,200	1.5	3,400	3,200	1.2	3,900
La Crosse	2,100	1.7	3,600	2,800	2.0	5,600
Monroe	4,000	1.9	7,400	4,600	1.4	6,600
Pepin	900	1.9	1,700	1,200	1.3	1,600
Pierce	2,900	2.0	5,700	3,300	1.6	5,400
St. Croix	7,500	1.7	12,900	8,900	1.3	11,900
Trempealeau	4,700	2.0	9,200	6,600	1.1	7,000
WC District	37,000	1.8	68,000	46,000	1.5	68,000
Adams	600	1.5	900	800	1.8	1,400
Green Lake	1,600	1.8	2,800	2,000	1.6	3,200
Juneau	3,200	1.9	6,000	3,000	1.8	5,500
Marquette	1,200	1.2	1,400	1,200	1.1	1,300
Portage	6,700	1.9	13,000	8,700	1.3	11,700
Waupaca	3,600	1.9	7,000	4,500	1.3	6,000
Waushara	3,100	1.8	5,500	4,000	1.4	5,600
Wood	13,000	2.1	27,400	13,800	1.5	21,300
C District	33,000	1.9	64,000	38,000	1.5	56,000
Brown	1,500	2.1	3,100	2,000	1.2	2,400
Calumet	1,500	2.4	3,600	1,800	1.1	2,000
Door	1,000	2.1	2,100	1,200	1.8	2,100
Fond du Lac	3,400	2.0	6,700	4,800	1.5	7,000
Kewaunee	1,600	1.4	2,200	2,000	1.0	2,000
Manitowoc	2,800	1.7	4,700	3,600	1.4	4,900
Outagamie	2,900	2.1	6,200	4,700	1.2	5,500
Sheboygan	1,800	1.9	3,500	2,200	1.4	3,100
Winnebago	2,500	2.0	4,900	2,700	1.9	5,000
EC District	19,000	1.9	37,000	25,000	1.4	34,000

ALL OTHER HAY HARVESTED AS DRY HAY: Acreage, Yield, & Production, By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Tons		Acres	Tons	
Crawford	2,600	1.8	4,600	3,100	1.4	4,400
Grant	4,700	1.8	8,600	5,900	1.5	8,600
Iowa	3,600	1.8	6,400	4,600	1.4	6,600
Lafayette	3,700	1.8	6,600	4,600	1.7	7,800
Richland	4,300	1.9	8,100	6,700	1.3	8,900
Sauk	4,100	2.2	9,200	5,400	1.8	9,700
Vernon	6,000	1.9	11,500	7,700	1.6	12,000
SW District	29,000	1.9	55,000	38,000	1.5	58,000
Columbia	3,500	1.8	6,200	5,500	1.8	10,100
Dane	5,200	2.1	10,900	6,200	1.8	11,400
Dodge	4,000	2.0	7,800	4,900	1.7	8,500
Green	3,200	1.7	5,300	4,000	1.4	5,700
Jefferson	2,700	1.8	4,900	3,600	1.5	5,500
Rock	2,400	2.0	4,900	2,800	2.1	5,800
SC District	21,000	1.9	40,000	27,000	1.7	47,000
Kenosha	900	1.8	1,600	900	1.8	1,600
Milwaukee	100	2.0	200	100	2.0	200
Ozaukee	1,000	2.0	2,000	1,100	1.3	1,400
Racine	600	1.5	900	800	1.3	1,000
Walworth	1,400	1.6	2,200	1,500	1.2	1,800
Washington	1,400	2.2	3,100	1,700	1.5	2,600
Waukesha	1,600	1.9	3,000	1,900	1.3	2,400
SE District	7,000	1.9	13,000	8,000	1.4	11,000
State	400,000	1.8	720,000	500,000	1.4	700,000

1/Includes yield figures for clover, timothy, grains, and all other grasses harvested as dry hay only. Other hay harvested as greenchop or silage is not included.



POTATOES: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Planted		Harvested		Yield per acre	Production	Value	
	Per cwt.	Total						
	Acres				Cwt.	1,000 cwt.	Dollars	1,000 dollars
1999	86,000	85,000			400	34,000	5.30	180,200
2000	86,000	84,500			400	33,800	4.75	160,550
2001	84,000	83,000			385	31,955	7.10	226,881
2002	84,000	82,000			375	30,750	6.90	212,175
2003	81,000	80,000			410	32,800	5.70	186,960

POTATOES: Acreage, Yield, and Production, By Selected Counties, Wisconsin, 2002-2003

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Hundredweight		Acres		Hundredweight	
Adams	11,000	10,700	405	4,333,000	11,300	11,200	445	4,962,000
Juneau	3,200	3,100	425	1,317,000	3,300	3,250	465	1,510,000
Langlade	11,500	11,300	320	3,638,000	11,600	11,500	350	4,047,000
Marathon	1,450	1,400	325	457,000	1,550	1,550	375	583,000
Oneida	1,950	1,900	305	583,000	1,650	1,650	315	521,000
Portage	25,400	24,800	405	9,985,000	24,100	23,750	430	10,194,000
Waupaca	1,100	1,100	350	385,000	900	900	370	334,000
Waushara	14,700	14,300	380	5,435,000	13,800	13,600	435	5,887,000
State 1/	84,000	82,000	375	30,750,000	81,000	80,000	410	32,800,000

1/Total includes unpublished counties.

PRICES RECEIVED BY FARMERS FOR POTATOES: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per hundredweight												
POTATOES 1/												
1999	5.25	5.25	5.75	5.10	5.30	4.40	9.25	5.90	5.05	5.25	5.45	5.00
2000	4.90	6.00	5.60	4.70	4.35	3.85	8.00	5.85	4.75	4.85	3.50	3.80
2001	3.95	4.85	5.35	5.40	5.15	4.45	6.40	7.25	5.80	5.75	6.40	6.45
2002	7.35	8.15	7.85	9.10	8.65	7.65	8.90	8.90	5.50	6.25	7.35	6.85
2003	6.75	7.40	7.20	7.05	6.35	5.90	3/	5.80	5.15	5.35	5.45	5.95
POTATOES, FRESH 2/												
1999	4.70	4.70	4.70	5.65	4.00	4.50	9.25	7.00	6.80	5.95	5.70	5.00
2000	5.10	4.75	4.35	4.10	4.25	4.15	8.00	7.30	5.15	5.20	2.65	3.00
2001	2.45	2.50	2.45	2.35	3.00	3.25	6.40	9.15	8.70	7.30	8.25	8.20
2002	9.55	10.10	10.00	9.00	10.80	10.80	11.80	13.10	8.55	7.75	8.10	7.20
2003	6.25	7.30	6.40	5.70	5.40	5.80	3/	6.00	5.65	5.80	5.70	5.15
POTATOES, PROCESSING												
1999	5.15	4.85	5.65	4.40	6.10	4.15	3/	3.85	4.10	4.70	5.05	4.50
2000	4.50	6.15	5.25	4.25	3.85	3.00	3/	4.70	4.45	4.55	4.70	4.60
2001	5.00	5.70	6.40	6.75	7.05	7.05	3/	5.20	4.00	4.70	4.70	4.35
2002	5.90	6.60	4.70	6.60	4.75	4.50	5.40	5.85	4.35	5.35	6.40	6.40
2003	7.30	6.75	6.95	7.00	6.45	6.00	3/	5.50	4.80	5.00	5.30	6.35

1/Average price of potatoes sold for all uses, including table stock, processing, seed, and livestock feed. 2/Fresh market prices only, includes table stock prices. 3/Insufficient sales data to establish price.

SWEET CORN FOR PROCESSING: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003 1/

Year	Planted		Harvested	Yield per acre	Production	Value	
	Per ton	Total					
	Acres			Tons		Dollars	1,000 dollars
1999	107,600	105,600	6.62	699,000	56.00	39,131	
2000	94,900	92,900	6.21	576,700	65.40	37,715	
2001	101,100	98,800	6.66	657,640	65.80	43,287	
2002	92,100	84,200	7.08	596,050	56.20	33,520	
2003	93,400	92,100	7.40	681,420	62.30	42,471	

1/Value per unit is defined as "all payments to growers, plus the costs of materials and services provided to get the raw commodity to the plant receiving door."

SWEET CORN FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Tons		Acres		Tons	
NW District 1/	—	—	—	—	—	—	—	—
NC District 1/	—	—	—	—	—	—	—	—
NE District 1/	—	—	—	—	—	—	—	—
St. Croix	3,000	2,600	7.8	20,200	3,100	2,700	6.3	17,000
WC District 2/	5,300	4,000	7.8	31,000	4,600	4,100	5.8	23,700
Adams	7,700	7,000	7.3	51,300	7,300	7,300	8.5	62,000
Green Lake	3,900	3,400	7.5	25,600	3,800	3,800	5.7	21,500
Portage	23,200	21,900	7.7	168,400	23,200	23,100	8.1	186,500
Waupaca	1,300	1,200	6.8	8,200	1,700	1,700	8.9	15,100
Waushara	13,200	12,300	7.1	87,800	12,800	12,700	8.7	111,000
C District 2/	52,500	48,900	7.5	365,400	51,900	51,700	8.1	419,900
Calumet	1,500	1,300	5.1	6,600	1,400	1,400	5.5	7,700
Fond du Lac	7,100	6,400	6.7	42,600	7,500	7,400	7.2	53,200
Sheboygan	3,300	2,900	5.5	16,000	3,400	3,300	6.7	22,000
EC District 2/	12,800	11,400	6.1	69,400	13,300	13,100	6.8	89,600
SW District 1/	—	—	—	—	—	—	—	—
Columbia	900	800	7.0	5,600	900	900	6.1	5,500
Dane	1,200	1,100	7.5	8,200	1,000	1,000	5.6	5,600
Dodge	7,100	6,800	6.3	42,600	7,300	7,200	5.6	40,000
Rock	3,500	3,400	6.0	20,300	5,100	5,100	7.3	37,300
SC District 2/	13,200	12,600	6.2	78,600	14,900	14,800	6.1	90,900
Ozaukee	1,200	1,100	5.7	6,300	1,550	1,500	5.5	8,200
Washington	1,200	1,100	6.5	7,100	1,450	1,400	6.9	9,600
SE District 2/	3,200	3,000	6.3	18,800	4,000	3,900	6.5	25,400
State	92,100	84,200	7.08	596,050	93,400	92,100	7.40	681,420

1/Not published, but included in state total. 2/Total includes unpublished counties.

SNAP BEANS FOR PROCESSING: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003 1/

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per ton	Total
	Acres		Tons		Dollars	1,000 dollars
1999	66,200	64,400	3.65	235,050	140.00	32,882
2000	71,900	66,800	3.91	261,490	133.00	34,802
2001	73,100	68,500	3.28	224,860	125.00	28,008
2002	79,800	72,200	4.39	317,070	113.00	35,872
2003	72,000	66,200	4.09	270,840	112.00	30,389

1/Value per unit is defined as "all payments to growers, plus the costs of materials and services provided to get the raw commodity to the plant receiving door."

SNAP BEANS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003			
	Acres		Yield per acre	Production	Acres		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Tons		Acres		Tons	
Barron	6,000	5,600	4.7	26,400	5,700	5,300	3.9	20,900
Polk	2,300	2,100	3.2	6,800	2,900	2,700	2.1	5,600
NW District 1/	9,800	9,100	4.2	38,300	9,600	9,000	3.3	30,000
NC District 2/	—	—	—	—	—	—	—	—
Oconto	4,800	4,300	3.5	15,200	4,500	4,100	4.3	17,600
Shawano	2,100	1,800	3.1	5,600	1,700	1,700	3.5	5,900
NE District 1/	9,100	8,100	3.2	26,300	8,700	8,000	4.0	32,300
Dunn	1,800	1,500	4.3	6,500	1,000	1,000	4.8	4,800
St. Croix	2,400	2,300	4.8	11,100	3,200	2,900	3.6	10,300
WC District 1/	4,500	4,000	4.7	18,600	4,500	4,200	3.9	16,200
Adams	9,600	8,800	4.6	40,400	8,200	7,600	4.3	32,900
Green Lake	1,900	1,600	3.8	6,100	1,900	1,700	2.4	4,100
Juneau	1,200	1,100	5.2	5,700	2/	—	—	—
Portage	14,600	13,400	5.5	74,000	15,600	14,300	5.6	79,900
Waushara	10,300	9,200	5.0	45,600	5,800	5,300	4.4	23,100
C District 1/	38,700	35,100	5.0	175,800	33,700	30,800	4.8	148,600
Door	2,500	2,300	2.7	6,100	1,000	1,000	2.8	2,800
Kewaunee	1,200	1,000	3.6	3,600	2/	—	—	—
Manitowoc	3,600	3,300	4.4	14,500	3,600	3,500	1.5	5,200
Outagamie	900	700	3.0	2,100	2/	—	—	—
Sheboygan	1,600	1,300	3.4	4,400	1,200	1,100	1.3	1,400
EC District 1/	11,000	9,700	3.5	33,500	8,200	7,900	1.7	13,700
SW District 2/	—	—	—	—	—	—	—	—
Columbia	1,500	1,400	4.1	5,700	1,600	1,600	4.8	7,600
Rock	1,600	1,500	2.8	4,200	2/	—	—	—
SC District 1/	3,900	3,600	3.8	13,600	3,800	3,200	4.3	13,900
SE District 2/	—	—	—	—	—	—	—	—
State	79,800	72,200	4.39	317,070	72,000	66,200	4.09	270,840

1/Total includes unpublished counties. 2/Not published, but included in state total.

GREEN PEAS FOR PROCESSING: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003 1/

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per ton	Total
	Acres			Tons		Dollars
						1,000 dollars
1999	46,800	43,700	1.86	81,430	238.00	19,366
2000	51,800	50,000	2.06	102,850	209.00	21,464
2001	38,800	36,300	1.89	68,750	236.00	16,249
2002	42,100	38,400	1.75	67,230	201.00	13,505
2003	39,600	37,700	2.24	84,310	206.00	17,373

1/Value per unit is defined as "all payments to growers, plus the costs of materials and services provided to get the raw commodity to the plant receiving door."

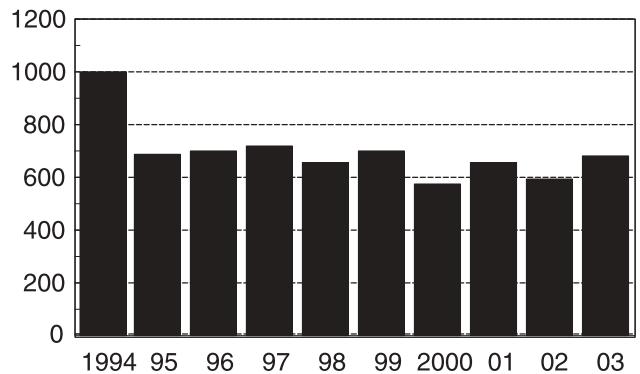
GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003

County	2002				2003				
	Acres		Yield per acre	Production	Acres		Yield per acre	Production	
	Planted	Harvested			Planted	Harvested			
	Acres			Tons		Acres		Tons	
NW District 1/	—	—	—	—	—	—	—	—	
NC District 1/	—	—	—	—	—	—	—	—	
NE District 1/	—	—	—	—	—	—	—	—	
WC District 1/	—	—	—	—	—	—	—	—	
Adams	4,300	4,000	1.7	6,800	3,100	3,000	2.4	7,100	
Green Lake	4,400	3,500	1.7	5,900	4,200	4,100	2.0	8,200	
Portage	3,100	3,000	2.5	7,600	4,800	4,600	2.3	10,800	
Waushara	3,600	3,400	2.1	7,100	2,300	2,200	1.7	3,800	
C District 2/	15,400	13,900	2.0	27,400	15,300	14,800	2.1	31,800	
Calumet	2,400	2,300	1.6	3,600	1,500	1,500	2.5	3,700	
Door	5,600	5,400	1.4	7,300	1/	—	—	—	
Fond du Lac	8,200	7,500	1.5	11,600	5,700	5,600	2.2	12,400	
Sheboygan	1,400	1,100	2.0	2,200	1,400	1,100	2.5	2,700	
EC District 2/	18,700	17,300	1.5	25,800	12,300	11,800	2.2	25,500	
SW District 1/	—	—	—	—	—	—	—	—	
Columbia	900	800	2.1	1,650	1/	—	—	—	
Dane	1/	—	—	—	1,200	1,100	3.8	4,200	
Dodge	2,600	2,500	2.2	5,400	2,100	2,100	2.0	4,300	
Rock	1,200	1,100	1.9	2,050	2,700	2,500	2.6	6,500	
SC District 2/	5,500	5,000	2.1	10,400	7,300	7,000	2.6	18,300	
SE District 1/	—	—	—	—	—	—	—	—	
State	42,100	38,400	1.75	67,230	39,600	37,700	2.24	84,310	

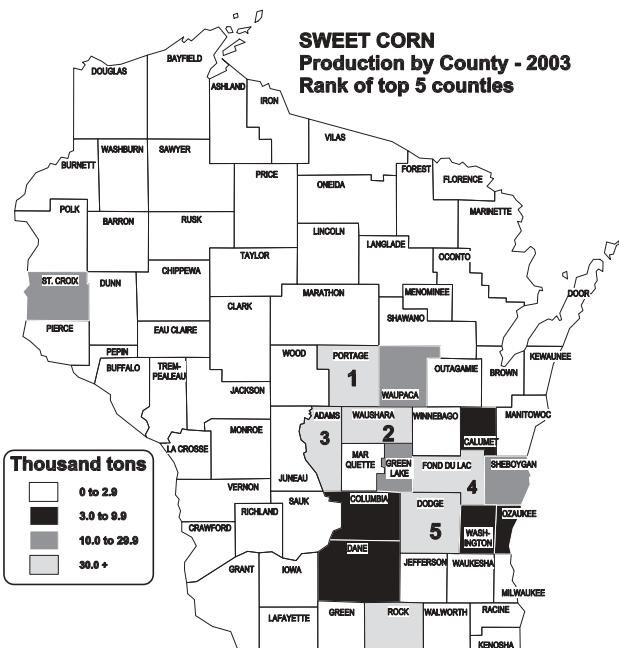
1/Not published, but included in state total. 2/Total includes unpublished counties.

WISCONSIN SWEET CORN PRODUCTION

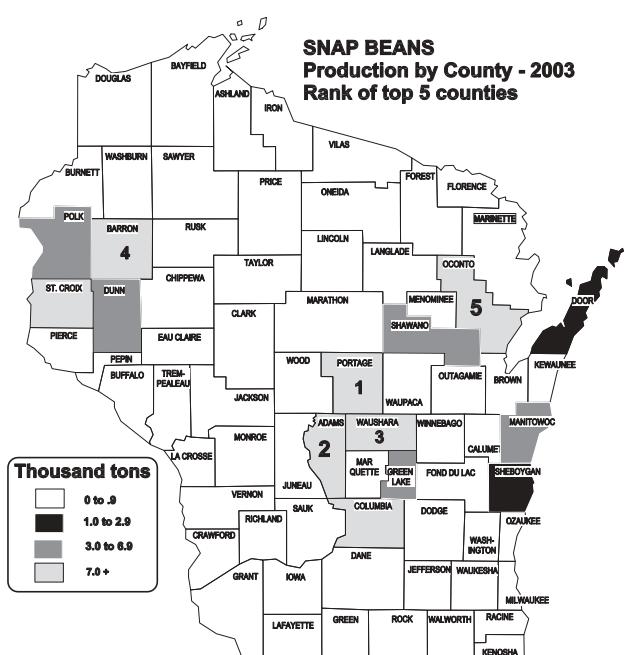
Thousand tons



SWEET CORN
Production by County - 2003
Rank of top 5 counties

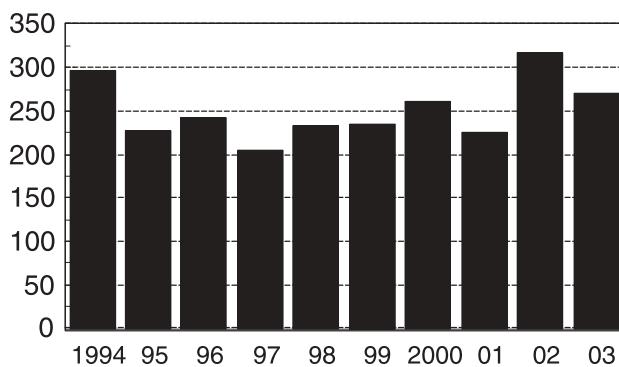


SNAP BEANS
Production by County - 2003
Rank of top 5 counties

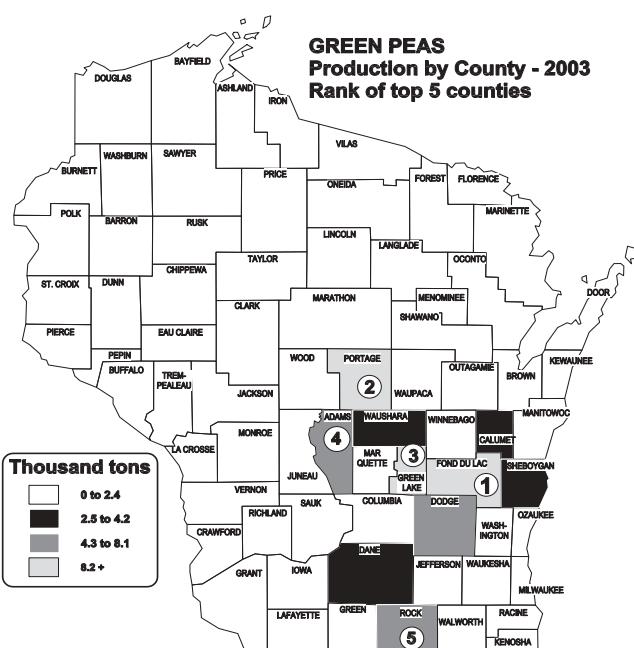


WISCONSIN SNAP BEAN PRODUCTION

Thousand tons

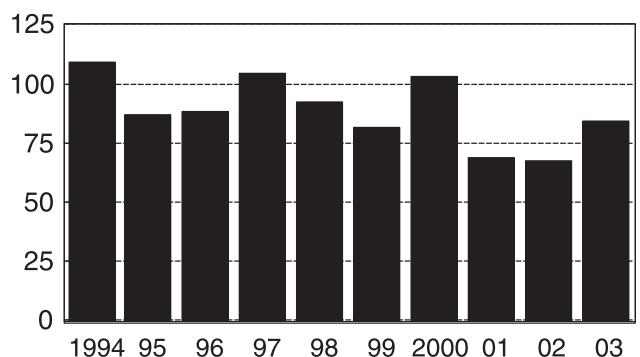


GREEN PEAS
Production by County - 2003
Rank of top 5 counties



WISCONSIN GREEN PEA PRODUCTION

Thousand tons



VEGETABLE SUMMARY: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Planted	Harvested	Yield per acre	Production	Value		
					Per cwt.	Total	
	Acres		Cwt.	1,000 cwt.	Dollars	1,000 dollars	
CABBAGE, FRESH							
1999	4,800	4,700	235	1,105	7.40	8,177	
2000	4,800	4,600	200	920	8.80	8,096	
2001	4,500	4,300	190	817	7.20	5,882	
2002	4,600	4,500	200	900	7.80	7,020	
2003	4,700	4,600	215	989	9.70	9,593	
ONIONS							
1999	2,300	1,800	380	684	8.00	4,816	
2000	2,000	1,800	395	711	7.40	4,588	
2001	2,000	1,800	300	540	8.00	3,712	
2002	2,100	1,900	280	532	8.25	3,977	
2003	2,100	2,000	345	690	8.80	5,412	
SWEET CORN, FRESH							
1999	8,900	7,900	86	679	14.00	9,506	
2000	8,700	7,400	74	548	19.00	10,412	
2001	8,800	7,500	80	600	19.00	11,400	
2002	8,700	7,800	63	491	21.00	10,311	
2003	8,700	7,400	85	629	23.00	14,467	
	Acres		Tons		Dollars	1,000 dollars	
CARROTS, ALL 1/							
1999	4,700	4,600	20.80	95,680	66.10	6,324	
2000	4,800	4,600	21.39	98,390	68.70	6,759	
2001	4,300	4,200	17.83	74,890	67.10	5,025	
2002	4,800	4,700	23.15	108,810	61.40	6,681	
2003	3,400	3,300	29.10	96,030	65.60	6,300	
CUCUMBERS FOR PICKLES 1/							
1999	5,200	5,000	6.84	34,200	165.00	5,643	
2000	5,500	5,200	7.72	40,140	182.00	7,305	
2001	5,100	5,000	6.02	30,100	195.00	5,870	
2002	5,800	5,600	5.67	31,750	169.00	5,366	
2003	5,600	5,500	6.56	36,080	178.00	6,422	

1/Value per unit is defined as "all payments to growers, plus the costs of materials and services provided to get the raw commodity to the plant receiving door."

STRAWBERRIES: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Planted	Harvested	Yield per acre	Production	Price per hundredweight			Value of production
					Pick your own	Pre-picked	Total	
	Acres		Cwt.		Dollars			1,000 dollars
1999	1,200	1,100	47	52,000	85.00	149.00	99.00	5,148
2000	1,200	1,000	44	44,000	87.00	168.00	104.00	4,576
2001	1,100	1,000	46	46,000	91.00	165.00	110.00	5,060
2002	1,000	900	48	43,000	94.00	175.00	116.00	4,988
2003	1,000	900	50	45,000	100.00	181.00	117.00	5,265

SPECIALTY CROP SUMMARY: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Planted	Harvested	Yield per acre	Production	Value	
					Per cwt.	Total
		Acres	Pounds	Hundredweight	Dollars	1,000 dollars
DRY EDIBLE BEANS 1/						
1999	8,300	8,000	1,550	124,000	22.30	2,765
2000	8,300	8,100	1,800	146,000	21.60	3,154
2001	6,800	6,600	1,800	119,000	28.40	3,380
2002	7,700	7,600	1,970	150,000	17.70	2,655
2003	6,000	5,900	2,100	124,000	26.50	3,286
			Pounds	1,000 lbs.	Dollars/lb.	
PEPPERMINT, OIL						
1999	—	7,700	45	347	12.00	4,164
2000	—	7,000	45	315	10.50	3,308
2001	—	6,200	50	310	10.50	3,255
2002	—	5,200	60	312	10.40	3,245
2003	—	2,600	60	156	10.40	1,622
SPEARMINT, OIL						
1999	—	4,900	39	191	11.50	2,197
2000	—	4,500	36	162	11.00	1,782
2001	—	3,200	50	160	10.30	1,648
2002	—	2,200	60	132	9.00	1,089
2003	—	1,300	65	85	9.10	774
Gallons						
MAPLE SYRUP						
2000	—	—	—	65,000	27.70	1,800
2001	—	—	—	68,000	29.20	1,986
2002	—	—	—	79,000	29.30	2,315
2003	—	—	—	76,000	29.10	2,212
2004	—	—	—	100,000	—	—

1/Excludes beans grown for garden seed.

APPLES AND CHERRIES: Acreage, Yield, and Value, Wisconsin, 1999-2003

Year	Bearing acreage 1/	Yield per acre 2/	Production		Price per pound			Value of production		
			Total	Utilized	Fresh	Processed	All	Fresh	Processed	All
	Acres	Pounds	Million pounds		Dollars			1,000 dollars		
APPLES										
1999	6,500	11,900	77.4	60.6	0.317	0.036	0.281	16,769	277	17,046
2000	6,300	11,300	71.0	58.0	0.324	0.041	0.280	15,876	369	16,245
2001	6,200	10,000	62.0	49.0	0.340	0.054	0.293	13,940	428	14,368
2002	6,000	9,670	58.0	52.0	0.390	0.038	0.349	17,940	225	18,165
2003	6,000	11,300	68.0	58.0	0.390	0.063	0.334	18,720	625	19,345
CHERRIES, TART										
1999	2,300	4,350	10.0	8.0	0.600	0.190	0.195	60	1,501	1,561
2000	2,300	4,350	10.0	9.7	0.510	0.225	0.228	51	2,160	2,211
2001	2,100	6,190	13.0	13.0	0.470	0.200	0.204	94	2,560	2,654
2002	2,000	2,000	4.0	4.0	0.550	0.510	0.512	110	1,938	2,048
2003	1,900	7,000	13.3	13.3	0.550	0.410	0.412	110	5,371	5,481

1/Bearing acreage estimates are primarily based on periodic orchard and vineyard inventory surveys. Wisconsin's last periodic survey was in 1995. Interim years are based on trends in plantings and removals, county extension service data, end of season production surveys, and other available indications. 2/Yield is based on total production, which includes unharvested production and fruit harvested, but not sold due to marketing conditions.

CRANBERRIES: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003

Year	Harvested	Yield per acre	Production		Utilization		Value	
			Total	Utilized	Fresh	Processed	Per barrel 1/	Total
	Acres	Barrels	Barrels				Dollars	1,000 dollars
1999	15,300	216.1	3,307,000	3,307,000	206,000	3,101,000	20.00	66,118
2000	15,700	171.5	2,692,000	2,598,000	187,000	2,411,000	17.40	45,192
2001	16,500	172.1	2,840,000	2,466,000	209,000	2,257,000	23.70	58,428
2002	17,300	185.4	3,208,000	3,208,000	177,000	3,031,000	31.70	101,615
2003	17,400	207.3	3,607,000	3,607,000	205,000	3,402,000	33.70	121,381

1/Weighted average of co-op and independent sales. Co-op prices represent pool proceeds less returns for processing non-cranberry products, capital stock dividends, capital stock retains, and other retains.

**FLORICULTURE: Selected Potted Flowers, Production, and Price
Producers with \$100,000 or More in Total Sales, Wisconsin, 2002-2003**

Type of potted flower	Producers		Total quantity sold		2003 wholesale price		Wholesale value of sales	
	2002	2003	2002	2003	Less than 5 inches	5 inches or more		
	Number		1,000 pots		Dollars/pot		1,000 dollars	
Florist mums	20	21	161	168	2.63	6.29	810	892
Hardy mums	98	91	1,094	1,029	1.26	2.25	1,928	2,068
Poinsettias	77	69	1,133	1,027	2.39	5.81	6,012	5,450
Easter lilies	37	34	138	133	-	6.05	804	805
Finished azaleas	37	29	134	118	4.92	10.53	1,260	1,158
Spring flowering bulbs	27	26	103	95	2.75	6.42	495	492
Other flowering plants	39	36	509	815	1.69	6.60	1,721	2,477
Geraniums (cuttings)	116	119	2,019	2,219	1.88	5.36	4,475	4,983
Geraniums (seed)	45	47	588	630	0.77	-	526	484
New Guinea Impatiens	100	112	505	519	1.85	8.05	1,012	1,264
Potted hosta	90	90	283	409	3.142/	3.723/	1,016	1,466
Other herbaceous perennials 1/	102	103	5,482	6,194	1.782/	4.003/	12,728	14,642

1/Pot price is a weighed average of all pots reported to avoid disclosure of individual operations. 2/Price is for less than 1 gallon Sized pot. 3/Price is for 1-2 gallon size pot.

**FLORICULTURE: Selected Bedding Plants and Hanging Baskets, Production, and Price
Producers with \$100,000 or More in Total Sales, Wisconsin, 2002-2003**

Type of flower	Producers		Total quantity sold		Wholesale price		Wholesale value of sales	
	2002	2003	2002	2003	2002	2003		
	Number		1,000 flats or baskets		Dollars/flat or basket		1,000 dollars	
Bedding Impatiens (flats)	104	112	281	256	7.46	8.18	2,096	2,094
Bedding Petunias (flats)	109	113	277	230	7.31	7.46	2,025	1,716
Vegetable bedding plants (flats)	103	103	112	132	8.13	7.74	911	1,022
Geraniums (cuttings) hanging baskets	102	96	154	148	8.94	9.06	1,377	1,341
New Guinea Impatiens hanging baskets	90	89	112	86	8.77	8.81	982	758
Impatiens hanging baskets	93	89	95	109	6.72	6.42	638	700
Petunia hanging baskets	91	90	81	97	8.17	8.08	662	784

TOBACCO SUMMARY: Acreage, Yield, Production, and Value, Wisconsin, 1999-2003 1/

Year	Acres harvested	Yield per acre	Production	Value	
				Per pound	Total
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars
TOBACCO, ALL					
1999	1,180	2,388	2,818	149.0	4,198
2000	940	2,399	2,255	155.0	3,496
2001	1,510	2,397	3,619	165.0	5,971
2002	1,450	2,632	3,817	175.0	6,680
2003	1,820	2,338	4,255	174.6	7,431
TOBACCO, TYPE 54					
1999	890	2,530	2,252	149.0	3,355
2000	710	2,570	1,825	155.0	2,829
2001	1,200	2,535	3,042	165.0	5,019
2002	1,150	2,740	3,151	175.0	5,514
2003	1,400	2,480	3,472	175.0	6,076
TOBACCO, TYPE 55					
1999	290	1,952	566	149.0	843
2000	230	1,870	430	155.0	667
2001	310	1,860	577	165.0	952
2002	300	2,220	666	175.0	1,166
2003	420	1,865	783	173.0	1,355

1/Production and yield per acre is based on tobacco sold.

TOBACCO: Acreage, Yield, and Production, By Counties, Wisconsin, 2002-2003 1/

County	2002			2003		
	Acres harvested	Yield per acre	Production	Acres harvested	Yield per acre	Production
	Acres	Pounds		Acres	Pounds	
TYPE 54						
Columbia	20	2,890	57,800	23	2,565	59,000
Dane	910	2,735	2,488,000	1,100	2,500	2,748,000
Rock	210	2,760	579,500	253	2,420	612,000
Total 2/	1,150	2,740	3,151,000	1,400	2,480	3,472,000
TYPE 55						
Crawford	51	1,900	96,900	65	1,735	112,800
Vernon	225	2,330	524,300	320	1,945	622,200
Total 2/	300	2,220	666,000	420	1,865	783,000
State 2/	1,450	2,632	3,817,000	1,820	2,338	4,255,000

1/Production and yield per acre is based on tobacco sold. 2/Total includes unpublished counties.

The Ginseng Regulatory Program's goal is to protect ginseng, *Panax quinquefolius*, from becoming a threatened species. The program accomplishes this by: registering growers and dealers, certifying cultivated dry root and seed as originating in Wisconsin, inspecting and surveying gardens during the growing season, monitoring pests and diseases, and inspecting records of growers and dealers for accuracy.

Wisconsin's 764 growers reported selling 349,858 pounds of dry roots for export. The 30 dealers, 10 of which are Wisconsin dealers, exported 345,208 pounds of dry roots. Exports from Wisconsin primarily go to Hong Kong. Sales seasons may continue over a two-year period. Sales volumes in spring vary considerably between years.

GINSENG: Growers, Dealers, Dry Root Sales, and Exports, Wisconsin, 1982-2003

Year	WI growers 1/	Dealers		WI acres 2/	WI growers sales 3/	Dealers WI exports 3/
		U.S. 1/	WI 1/			
Number		Dry root lbs.				
1982	—	23	—	—	418,102	293,004
1983	666	35	—	—	517,456	484,880
1984	714	54	—	—	831,444	707,473
1985	1,134	66	—	—	1,141,034	1,062,197
1986	1,318	66	—	—	1,511,102	1,245,369
1987	1,513	92	—	—	1,306,185	1,259,401
1988	1,586	106	—	—	1,549,049	1,592,311
1989	1,676	109	—	—	1,467,278	1,722,355
1990	1,300	69	—	—	1,149,239	1,288,107
1991	1,360	74	—	—	1,173,607	1,194,962
1992	1,167	67	32	—	1,677,038	1,553,239
1993	1,230	76	42	—	1,966,474	2,035,068
1994	1,264	99	57	—	2,082,504	1,611,822
1995	1,468	100	52	4,264	1,943,605	1,811,224
1996	1,336	83	51	4,494	2,229,901	2,229,332
1997	1,207	92	48	4,710	1,921,821	2,051,209
1998	1,266	96	50	4,967	1,651,104	1,924,049
1999	1,274	77	45	4,093	1,221,203	1,231,489
2000	818	51	25	3,054	858,583	821,286
2001	890	46	23	1,835	411,216	479,866
2002	840	23	19	2,135	420,656	522,425
2003	764	30	10	4/	349,858	345,208

1/Includes growers/dealers. 2/Total acreage of seedling, two, three, and four-year-old gardens. 3/Sales and exports of a specific harvest year may continue over a two-year period. The 2003 data is still incomplete. 4/Acres not available for 2003. Source: Wisconsin Department of Agriculture, Trade and Consumer Protection, Division of Agricultural Resource Management.

CROPS: Harvested Acres Census of Agriculture, Wisconsin, 2002

Crop	2002
	Harvested acres
Vegetables	
Asparagus	276
Beets	2,732
Broccoli	78
Cauliflower	51
Green lima beans	5,458
Green onions	41
Hot peppers	377
Sweet peppers	284
Squash	1,243
Tomatoes	449
Melons	
Cantaloups	292
Pumpkins	4,023
Watermelons	187
Berries	
Blueberries	97
Raspberries	176
Other crops	
Popcorn	374
Sunflower seeds	2,076
Fruit	Bearing acres
Cherries, sweet	38
Grapes	121
Pears	58

Livestock & Dairy

Wisconsin's 1.26 million milk cows produced 22.3 billion pounds of milk in 2003, a 1 percent increase from 2002. Wisconsin continues to be ranked second in the U.S. for milk production. The state's share of the national production remained at the same level as 2002 at 13 percent, down from 15 percent 10 years ago. Milk prices in 2003 averaged \$12.90 per hundredweight, up from \$12.20 in 2002.

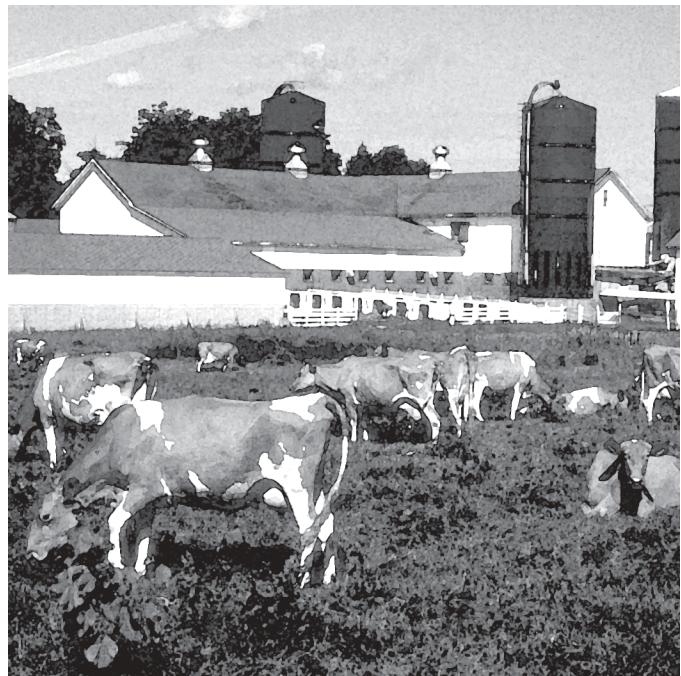
Total cheese production for 2003 was at 2.28 billion pounds, the highest level ever. Wisconsin continues to lead the nation in cheese production with its 117 cheese plants manufacturing 26 percent of the national total. American-type cheese production was down 3 percent from 2002, while Italian-type cheese rose 6 percent. Mozzarella accounted for 34 percent of the state total cheese production. Specialty cheese production in 2003 showed an 8 percent increase from the previous year. At 302 million pounds, specialty cheese accounted for 13 percent of the state's total cheese production.

Butter production, at 309 million pounds, was down 10 percent from 2002. Wisconsin's production places the state in second place, with 11 plants producing butter.

Cattle and calves as of January 1, 2004, remained steady at 3.35 million head. Wisconsin ranked ninth in inventory as milk cows continued to decline, while beef cow numbers increased. Slaughter prices per hundred pounds averaged \$58.00 for cattle and \$122.00 for calves. Cattle prices were up \$8.60 from last year, while calf prices declined \$7.00.

Hogs and pigs on Wisconsin farms continue to decline to record lows. December 1, 2003, inventory of 480,000 head was down 8 percent from last year. Compared to last year, hog prices jumped 29 percent to \$36.90 per hundred pounds. Cash receipts of \$106 million placed Wisconsin 16th in the nation.

Sheep and lambs totaled 83,000 head as of Jan 1, 2004, unchanged from the previous January. Average price per hundred pounds increased for both sheep and lambs. Sheep prices, at \$31.20, were up 27 percent, while lamb prices increased 21 percent to \$87.10.



Egg production for the year ending November 30, 2003, at 1.14 billion, was down 2 percent from 2002. Egg prices increased 15 percent to 58.7 cents per dozen, bringing the value of production to \$55.6 million.

Broiler production and prices both rose in 2003. Pounds produced was up 7 percent to 155 million pounds. The price per pound was at 35 cents, up 5 cents from 2002. Value of production totaled \$54.2 million, a jump of 24 percent from the previous year.

Mink pelt production in Wisconsin totaled 706,300 pelts in 2003. The average pelt price at the national level rose 31 percent to \$40.10. Wisconsin, the largest mink producing state in the nation, accounts for 28 percent of the U.S. production.

Honey production fell to 5.70 million pounds, 14 percent below 2002. The average honey price, \$1.44 per pound, was 10 cents above last year, while the value of production fell 8 percent to \$8.2 million. Wisconsin ranked eighth in honey production.

Trout sales for 2003 totaled \$1.68 million, down from \$1.76 million in 2002. In addition to sales, 8.42 million trout, valued at \$2.07 million, were distributed for restoration or conservation uses.

LIVESTOCK AND DAIRY RECORDS IN WISCONSIN AGRICULTURE

Commodity	Unit	Year 2003	Record high		Record low		Year estimate started
			Quantity	Year 1/	Quantity	Year 1/	
Cattle, all, Jan. 1	Head	3,350,000 2/	4,640,000	1975	642,000	1867	1867
Milk cows, Jan. 1	Head	1,245,000 2/	2,585,000	1946	245,000	1867	1867
Beef cows, Jan. 1	Head	245,000 2/	350,000	1976	16,000	1939	1920
Milk production	Mil. lbs.	22,266	25,000	1988	2,612	1889	1889
Milk per cow per year	Pounds	17,728	17,728	2003	5,100	1934	1933
Hogs, all, Dec. 1	Head	480,000	2,516,000	1943	480,000	2003	1924
Sheep & lambs, Jan. 1	Head	83,000 2/	543,000	1932	78,000	1997	1920
Layers, annual average	Head	4,176,000	18,848,000	1944	3,175,000	1993	1924
Egg production	Mil. eggs	1,137	2,411	1944	820	1993	1925
Total cheese	Thous. lbs.	2,276,648	2,276,648	2003	275,528	1922	1920
American cheese	Thous. lbs.	828,438	1,158,909	1983	215,400	1922	1920
Italian cheese	Thous. lbs.	1,031,859	1,031,859	2003	124	1925	1920
Swiss cheese	Thous. lbs.	35,776	53,581	1988	13,431	1922	1920
Muenster cheese	Thous. lbs.	55,793	81,957	1987	5,044	1931	1931
Butter	Thous. lbs.	309,264	357,452	1992	83,063	1946	1920

1/These are the latest years that records were achieved. In some cases, these records were equaled in several earlier years. 2/Inventory as of January 1, 2004.

LIVESTOCK: Number of Head and Value, Wisconsin, January 1, 2004

Commodity	Head	Value per head	Total value
	1,000	Dollars	1,000 dollars
Cattle and calves, all	3,350	1,040.00	3,484,000
Hogs and pigs, all 1/	480	65.00	31,200
Sheep and lambs, all	83	146.00	12,118
Chickens, total 1/, 2/	5,500	1.80	9,900

1/December 1 previous year. 2/Does not include commercial broilers.

LIVESTOCK: Inventory and Sales Census of Agriculture, Wisconsin, 2002

Commodity	Inventory	Number sold
Bison	8,315	1,272
Deer	23,634	1,822
Milk goats	25,900	7,249
Other goats	9,279	4,605
Llamas	8,015	848
Rabbits & their pelts	12,508	22,664
Ducks	417,522	5,341,808
Pheasants	370,737	1,355,480

LIVESTOCK OPERATIONS 1/ Wisconsin, 1990-2003

Year	Cattle	Milk cows	Beef cows	Hogs	Sheep
Number					
1990	56,000	34,000	9,700	9,400	2,800
1991	54,000	33,000	10,000	8,600	2,600
1992	52,000	32,000	9,600	8,600	2,500
1993	51,000	30,000	9,800	8,400	2,500
1994	50,000	29,000	10,000	7,600	2,500
1995	49,000	28,000	10,500	5,700	2,400
1996	48,000	27,000	11,000	4,600	2,600
1997	47,000	25,000	11,700	3,900	2,400
1998	45,000	23,000	11,800	3,300	2,300
1999	43,000	22,000	11,700	3,300	2,400
2000	42,000	21,000	12,000	2,700	2,300
2001	40,000	19,100	12,000	2,700	2,300
2002	39,000	17,800	12,000	2,400	2,300
2003	38,000	16,900	12,500	2,400	2,400

1/An operation is any place having one or more of the particular livestock on hand at any time during the year.

MILK COW NUMBERS: By Months, Wisconsin, 1999-2003 1/

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1,000 head													
1999	1,368	1,366	1,366	1,365	1,366	1,368	1,368	1,366	1,364	1,362	1,362	1,360	1,365
2000	1,358	1,355	1,352	1,349	1,347	1,345	1,345	1,343	1,339	1,336	1,334	1,330	1,344
2001	1,322	1,310	1,300	1,295	1,295	1,290	1,288	1,282	1,282	1,281	1,280	1,280	1,292
2002	1,279	1,278	1,276	1,275	1,272	1,270	1,265	1,265	1,268	1,268	1,266	1,266	1,271
2003	1,265	1,265	1,263	1,260	1,257	1,256	1,255	1,254	1,253	1,250	1,249	1,247	1,256

1/Excludes heifers not yet fresh.

MILK PRODUCTION PER COW: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Pounds													
1999	1,415	1,300	1,465	1,435	1,510	1,440	1,420	1,410	1,360	1,385	1,340	1,420	16,902
2000	1,445	1,375	1,495	1,450	1,515	1,450	1,480	1,465	1,405	1,430	1,370	1,420	17,306
2001	1,445	1,335	1,495	1,460	1,530	1,460	1,455	1,415	1,385	1,400	1,365	1,435	17,182
2002	1,460	1,350	1,510	1,475	1,525	1,450	1,455	1,470	1,405	1,420	1,385	1,465	17,367
2003	1,500	1,370	1,530	1,480	1,540	1,505	1,515	1,495	1,430	1,465	1,410	1,485	17,728

MILK PRODUCTION: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Million pounds													
1999	1,936	1,776	2,001	1,959	2,063	1,970	1,943	1,926	1,855	1,886	1,825	1,931	23,071
2000	1,962	1,863	2,021	1,956	2,041	1,950	1,991	1,967	1,881	1,910	1,828	1,889	23,259
2001	1,910	1,749	1,944	1,891	1,981	1,883	1,874	1,814	1,776	1,793	1,747	1,837	22,199
2002	1,867	1,725	1,927	1,881	1,940	1,842	1,841	1,860	1,782	1,801	1,753	1,855	22,074
2003	1,898	1,733	1,932	1,865	1,936	1,890	1,901	1,875	1,792	1,831	1,761	1,852	22,266

NUMBER OF MILK COW OPERATIONS 1/ United States and Selected States, Selected Years

State	1985	1990	1995	2000	2003
Thousands					
Wisconsin	41.0	34.0	28.0	21.0	16.9
California	5.2	4.5	3.3	2.5	2.4
Indiana	7.9	4.7	3.9	3.1	2.4
Iowa	10.5	7.8	5.2	3.8	3.0
Kentucky	8.5	6.5	4.0	3.0	2.5
Michigan	8.5	6.5	4.7	3.5	3.0
Minnesota	23.0	15.5	12.0	8.5	6.6
Missouri	11.0	7.0	5.0	3.9	3.1
New York	16.5	13.0	10.0	7.9	7.1
Ohio	11.0	9.0	6.8	5.5	4.7
Pennsylvania	21.0	15.5	11.8	10.7	9.6
Other states	105.0	68.7	45.0	31.7	25.0
United States	269.1	192.7	139.7	105.1	86.3

NUMBER OF MILK COWS, AND PRODUCTION PER COW BY SIZE GROUPS: Wisconsin, 2003

Herd size	Number of cows	Production	per cow
		1,000 pounds	
1-29	37,680	556,650	14,773
30-49	163,280	2,671,920	16,364
50-99	452,160	7,570,440	16,743
100-199	238,640	4,230,540	17,728
200-499	200,960	3,896,550	19,390
500+	163,280	3,339,900	20,455
Total	1,256,000	22,266,000	17,728

1/An operation is any place with one or more milk cows at any time during the year.

MILK COW OPERATIONS: By Size Group, Wisconsin, 1999-2003 1/

Year	Operations having:						Operations having:					
	1-29 head	30-49 head	50-99 head	100-199 head	200-499 head	500+ head	1-29 head	30-49 head	50-99 head	100-199 head	200-499 head	500+ head
	Number						Percent					
1999	4,000	6,900	8,400	2,000	610	90	18.2	31.4	38.2	9.1	2.8	0.4
2000	3,700	6,200	8,300	2,000	660	140	17.6	29.5	39.5	9.5	3.1	0.7
2001	3,150	5,300	7,800	2,000	680	170	16.5	27.7	40.8	10.5	3.6	0.9
2002	2,700	4,700	7,500	2,000	710	190	15.2	26.4	42.1	11.2	4.0	1.1
2003	2,500	4,500	7,100	1,900	700	200	14.8	26.6	42.0	11.2	4.1	1.2

1/Sum of parts may not equal 100.0 percent due to rounding.

MILK COW INVENTORY AND PRODUCTION: By Size Group, Wisconsin, 1999-2003

Year	Inventory on operations having:						Milk production on operations having:					
	1-29 head	30-49 head	50-99 head	100-199 head	200-499 head	500+ head	1-29 head	30-49 head	50-99 head	100-199 head	200-499 head	500+ head
	Percent											
1999	4.5	20.0	40.0	18.0	13.0	4.5	3.0	19.0	39.0	20.0	14.0	5.0
2000	4.3	17.0	39.0	18.0	14.0	7.7	3.0	16.0	37.0	19.0	16.0	9.0
2001	3.7	14.0	38.0	19.0	15.0	10.3	2.7	13.3	36.0	19.0	17.0	12.0
2002	3.0	13.0	37.0	19.5	15.5	12.0	2.5	12.0	35.0	19.0	17.5	14.0
2003	3.0	13.0	36.0	19.0	16.0	13.0	2.5	12.0	34.0	19.0	17.5	15.0

MILK COWS AND PRODUCTION United States, 1999-2003

Year	Milk cows 1/	Milk per cow	Total production
	1,000 head	Pounds	Mil. lbs.
1999	9,153	17,763	162,589
2000	9,199	18,197	167,393
2001	9,103	18,162	165,332
2002	9,139	18,608	170,063
2003	9,084	18,749	170,312

1/Average number of milk cows on farms during year, excluding heifers not yet fresh.

AVERAGE HERD SIZE All Dairy Farms & DHI Farms, Wisconsin, 1945-2003

Year	All herds 1/	DHI herds
	Number	
1945	14.7	19.0 2/
1955	17.9	23.2 2/
1960	20.5	27.3
1965	24.1	33.3
1970	28.3	37.7
1975	34.2	43.4
1980	40.3	49.0
1985	45.8	50.1
1990	50.9	52.8
1995	53.2	60.2
2000	64.0	78.3
2001	67.6	83.3
2002	71.4	87.2
2003	74.3	92.4

1/Official NASS Milk Cow Farms and Milk Cow Numbers series.

2/DHI Owner Sampler Only.

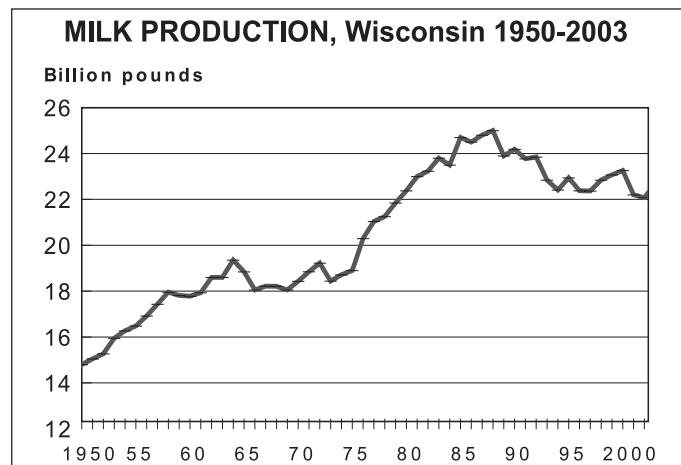
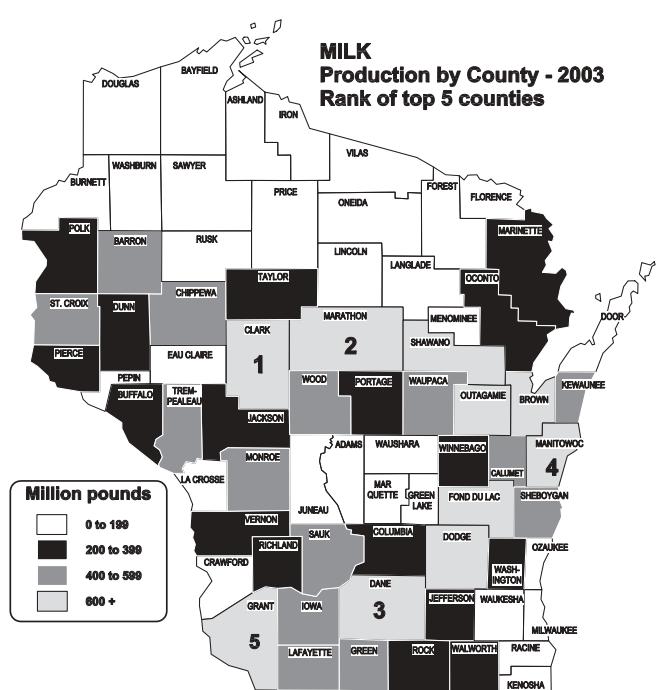
MILK COWS: Production Per Cow, and Total Milk Production, By Counties, Wisconsin, 2002-2003

County	2002			2003		
	Number of cows 1/	Milk per cow	Production	Number of cows 1/	Milk per cow	Production
	Number	Pounds	1,000 pounds	Number	Pounds	1,000 pounds
Barron	27,300	16,300	444,990	27,000	16,300	440,100
Bayfield 2/	—	—	—	—	—	—
Burnett	3,400	15,200	51,680	3,300	15,200	50,160
Chippewa	34,000	15,500	527,000	33,500	16,000	536,000
Douglas 2/	—	—	—	—	—	—
Polk	17,700	16,900	299,130	17,500	17,400	304,500
Rusk	12,100	15,400	186,340	11,700	15,600	182,520
Sawyer	2,900	16,200	46,980	2,900	16,600	48,140
Washburn	3,300	17,000	56,100	3,100	17,400	53,940
NW District	104,000	15,984	1,662,380	102,000	16,310	1,663,660
Ashland 2/	—	—	—	—	—	—
Clark	63,000	17,200	1,083,600	63,000	17,500	1,102,500
Iron 2/	—	—	—	—	—	—
Lincoln	5,400	16,000	86,400	5,200	16,300	84,760
Marathon	61,000	17,100	1,043,100	60,500	17,400	1,052,700
Oneida 2/	—	—	—	—	—	—
Price	3,900	17,100	66,690	3,900	17,400	67,860
Taylor	17,400	16,600	288,840	17,100	16,600	283,860
Vilas 2/	—	—	—	—	—	—
NC District	153,000	17,048	2,608,420	152,000	17,323	2,633,080
Florence 2/	—	—	—	—	—	—
Forest 2/	—	—	—	—	—	—
Langlade 2/	—	—	—	—	—	—
Marinette	12,000	18,100	217,200	12,000	18,400	220,800
Oconto	21,500	18,000	387,000	21,000	18,400	386,400
Shawano	35,500	18,100	642,550	35,000	18,400	644,000
NE District	77,000	18,020	1,387,550	76,000	18,316	1,392,000
Buffalo	19,600	16,500	323,400	19,300	16,700	322,310
Dunn	21,000	16,300	342,300	21,000	16,900	354,900
Eau Claire	10,700	15,800	169,060	10,400	16,200	168,480
Jackson	13,600	16,700	227,120	13,400	17,400	233,160
La Crosse	11,300	15,700	177,410	11,000	16,200	178,200
Monroe	25,800	16,400	423,120	24,700	16,900	417,430
Pepin	8,900	17,800	158,420	9,200	17,800	163,760
Pierce	18,000	17,000	306,000	18,000	17,300	311,400
St. Croix	23,800	18,000	428,400	23,000	18,500	425,500
Treampaleau	24,300	17,000	413,100	24,000	17,300	415,200
WC District	177,000	16,770	2,968,330	174,000	17,186	2,990,340
Adams	1,500	15,700	23,550	1,300	15,800	20,540
Green Lake	9,400	16,600	156,040	9,000	17,200	154,800
Juneau	9,100	16,800	152,880	8,600	17,100	147,060
Marquette	5,900	18,500	109,150	6,000	18,800	112,800
Portage	13,800	16,500	227,700	13,300	17,400	231,420
Waupaca	25,000	17,900	447,500	25,000	18,000	450,000
Waushara	6,000	17,500	105,000	5,800	17,600	102,080
Wood	24,300	17,300	420,390	24,000	17,600	422,400
C District	95,000	17,286	1,642,210	93,000	17,646	1,641,100
Brown	41,500	19,200	796,800	41,500	19,500	809,250
Calumet	22,500	19,200	432,000	22,500	19,700	443,250
Door	8,800	17,300	152,240	8,500	17,500	148,750
Fond du Lac	41,000	18,600	762,600	41,000	18,900	774,900
Kewaunee	28,000	19,300	540,400	28,500	19,200	547,200
Manitowoc	44,000	18,800	827,200	44,500	19,600	872,200
Outagamie	37,500	19,100	716,250	37,000	19,400	717,800
Sheboygan	25,700	19,300	496,010	25,500	19,400	494,700
Winnebago	14,000	17,500	245,000	14,000	18,000	252,000
EC District	263,000	18,892	4,968,500	263,000	19,240	5,060,050

MILK COWS: Production Per Cow, and Total Milk Production, By Counties, Wisconsin, 2002-2003, Continued

County	2002			2003		
	Number of cows 1/	Milk per cow	Production	Number of cows 1/	Milk per cow	Production
	Number	Pounds	1,000 pounds	Number	Pounds	1,000 pounds
Crawford	10,500	15,400	161,700	10,000	15,600	156,000
Grant	51,000	17,000	867,000	50,500	17,100	863,550
Iowa	25,200	17,200	433,440	25,000	17,800	445,000
Lafayette	30,500	15,900	484,950	30,000	16,400	492,000
Richland	14,200	16,500	234,300	13,500	17,000	229,500
Sauk	27,600	17,700	488,520	27,400	18,200	498,680
Vernon	25,000	15,500	387,500	24,600	15,900	391,140
SW District	184,000	16,616	3,057,410	181,000	16,994	3,075,870
Columbia	16,100	17,300	278,530	16,000	17,600	281,600
Dane	49,000	18,000	882,000	48,000	18,400	883,200
Dodge	42,500	16,800	714,000	42,500	17,300	735,250
Green	31,500	16,100	507,150	31,000	16,500	511,500
Jefferson	17,000	16,100	273,700	16,800	16,400	275,520
Rock	12,900	16,700	215,430	12,700	17,300	219,710
SC District	169,000	16,987	2,870,810	167,000	17,406	2,906,780
Kenosha	3,300	17,800	58,740	3,300	17,900	59,070
Milwaukee 2/	—	—	—	—	—	—
Ozaukee	9,000	18,500	166,500	8,800	18,800	165,440
Racine 2/	—	—	—	—	—	—
Walworth	12,500	18,700	233,750	12,500	19,300	241,250
Washington	15,200	18,500	281,200	14,700	18,900	277,830
Waukesha	4,000	18,800	75,200	3,800	18,900	71,820
SE District	49,000	18,539	908,390	48,000	18,815	903,120
State	1,271,000	17,367	22,074,000	1,256,000	17,728	22,266,000

1/Average number of milk cows on farms during year, excluding heifers not yet fresh. 2/Not published, but included in total.



WISCONSIN MILK COW HERDS BY TYPE OF MILK PRODUCED
Number and Percent by County 1/

County	Total Grade A		Total Grade B			Total herds	
	Herds	Percent of total	Herds		Percent of total		
			Bulk	Can	Total		
Adams	20	83	4	0	4	17	24
Ashland	19	83	4	0	4	17	23
Barron	365	91	34	0	34	9	399
Bayfield	34	76	11	0	11	24	45
Brown	244	87	35	0	35	13	279
Buffalo	211	84	30	11	41	16	252
Burnett	46	79	12	0	12	21	58
Calumet	208	95	10	0	10	5	218
Chippewa	481	92	40	0	40	8	521
Clark	755	75	112	138	250	25	1,005
Columbia	162	85	13	15	28	15	190
Crawford	150	82	31	3	34	18	184
Dane	397	97	14	0	14	3	411
Dodge	471	97	15	0	15	3	486
Door	101	80	26	0	26	20	127
Douglas	13	93	1	0	1	7	14
Dunn	278	93	21	0	21	7	299
Eau Claire	162	67	20	61	81	33	243
Florence	11	92	1	0	1	8	12
Fond du Lac	423	96	16	0	16	4	439
Forest	4	80	1	0	1	20	5
Grant	569	92	47	0	47	8	616
Green	289	69	132	0	132	31	421
Green Lake	80	67	10	29	39	33	119
Iowa	276	83	55	0	55	17	331
Iron	4	100	0	0	0	0	4
Jackson	162	79	23	21	44	21	206
Jefferson	163	96	7	0	7	4	170
Juneau	100	85	18	0	18	15	118
Kenosha	41	100	0	0	0	0	41
Kewaunee	241	83	49	0	49	17	290
La Crosse	134	98	3	0	3	2	137
Lafayette	293	84	55	0	55	16	348
Langlade	66	92	6	0	6	8	72
Lincoln	61	80	15	0	15	20	76
Manitowoc	328	91	31	0	31	9	359
Marathon	690	80	171	0	171	20	861
Marinette	103	93	8	0	8	7	111
Marquette	51	77	8	7	15	23	66
Milwaukee	3	100	0	0	0	0	3
Monroe	300	63	34	140	174	37	474
Oconto	206	89	25	1	26	11	232
Oneida	0	0	0	0	0	0	0
Outagamie	281	91	29	0	29	9	310
Ozaukee	74	93	6	0	6	8	80
Pepin	95	93	7	0	7	7	102
Pierce	211	93	17	0	17	7	228
Polk	190	94	12	1	13	6	203
Portage	164	84	32	0	32	16	196
Price	54	74	19	0	19	26	73
Racine	46	98	1	0	1	2	47
Richland	180	78	48	4	52	22	232
Rock	141	94	9	0	9	6	150
Rusk	169	86	27	0	27	14	196
St. Croix	213	93	15	0	15	7	228
Sauk	270	88	38	0	38	12	308
Sawyer	27	90	3	0	3	10	30

WISCONSIN MILK COW HERDS BY TYPE OF MILK PRODUCED
Number and Percent, by County 1/ (Continued)

County	Total Grade A		Total Grade B			Total herds	
	Herds	Percent of total	Herds		Percent of total		
			Bulk	Can			
Shawano	421	89	51	0	51	11	472
Sheboygan	212	92	19	0	19	8	231
Taylor	277	84	50	1	51	16	328
Trempealeau	244	90	28	0	28	10	272
Vernon	314	57	72	166	238	43	552
Walworth	117	100	0	0	0	0	117
Washburn	32	91	3	0	3	9	35
Washington	148	95	8	0	8	5	156
Waukesha	42	100	0	0	0	0	42
Waupaca	247	85	44	0	44	15	291
Waushara	72	90	8	0	8	10	80
Winnebago	133	85	23	0	23	15	156
Wood	251	85	45	0	45	15	296
State total	13,340	85	1,762	598	2,360	15	15,700

1/Based on data from the Dairy Producer License list as of April 1, 2004, Division of Food Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.

NUMBER OF DAIRY HERDS: Includes Sheep and Goats, By Months, Wisconsin, 1999-2003 1/

Month	1999	2000	2001	2002	2003
Jan.	21,899	20,715	19,096	17,782	16,968
Feb.	21,816	20,645	18,970	17,711	16,907
Mar.	21,741	20,574	18,845	17,666	16,865
Apr.	21,624	20,419	18,693	17,594	16,764
May	21,501	20,217	18,506	17,518	16,623
Jun.	21,397	20,053	18,380	17,420	16,557
Jul.	21,267	19,897	18,245	17,366	16,455
Aug.	21,149	19,779	18,163	17,314	16,397
Sep.	21,077	19,656	18,053	17,248	16,327
Oct.	20,962	19,512	18,009	17,174	16,242
Nov.	20,873	19,397	17,909	17,104	16,135
Dec.	20,785	19,232	17,833	17,029	16,073

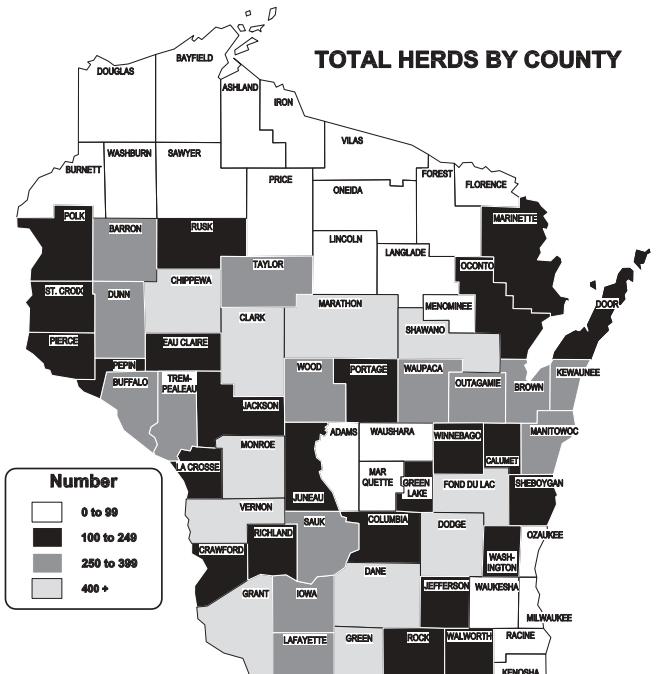
1/Based on data from the Dairy Producer License list as of the beginning of the month, Division of Food Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.

NUMBER OF MONTHLY MILK COW HERDS
By Months, Wisconsin, 2003-2004 1/

Month	2003	2004
Jan.	n.a.	15,904
Feb.	n.a.	15,838
Mar.	n.a.	15,797
Apr.	n.a.	15,700
May	n.a.	15,591
Jun.	n.a.	15,550
Jul.	n.a.	15,488
Aug.	16,264	15,464
Sep.	16,206	15,444
Oct.	16,118	15,413
Nov.	16,010	
Dec.	15,948	

1/Based on data from the Dairy Producer License list as of the beginning of the month, Division of Food Safety, Wisconsin Department of Agriculture, Trade and Consumer Protection.

N.a.=not available.



Based on data from the Dairy Producer License list as of April 1, 2004, Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.

MILK PRICES AND MILKFAT CONTENT: Wisconsin, 2003

Month	Milk, all uses		Milk, Grade A		Milk, Grade B	
	Price	Milkfat	Price	Milkfat	Price	Milkfat
	Dollars per cwt.	Percent	Dollars per cwt.	Percent	Dollars per cwt.	Percent
January	11.80	3.79	11.80	3.79	10.70	3.91
February	11.50	3.79	11.50	3.79	10.50	3.88
March	11.00	3.77	11.00	3.77	10.00	3.87
April	11.10	3.74	11.10	3.74	10.10	3.82
May	11.20	3.67	11.20	3.67	10.30	3.75
June	11.20	3.61	11.20	3.61	10.30	3.64
July	12.60	3.55	12.60	3.55	11.90	3.59
August	14.20	3.56	14.20	3.56	13.40	3.59
September	15.20	3.64	15.20	3.64	14.40	3.73
October	15.80	3.79	15.80	3.79	15.20	3.89
November	15.10	3.84	15.10	3.84	14.40	3.98
December	14.00	3.83	14.00	3.83	13.00	3.96
Annual	12.90	3.72	12.90	3.71	12.00	3.79

MILK PRICES AND MILKFAT CONTENT: Wisconsin, 1999-2003

Year	Milk, all uses		Milk, Grade A		Milk, Grade B	
	Price	Milkfat	Price	Milkfat	Price	Milkfat
	Dollars per cwt.	Percent	Dollars per cwt.	Percent	Dollars per cwt.	Percent
1999	13.80	3.75	13.90	3.75	12.90	3.83
2000	11.70	3.75	11.80	3.74	10.60	3.81
2001	14.80	3.73	14.90	3.72	13.70	3.79
2002	12.20	3.73	12.20	3.73	11.00	3.80
2003	12.90	3.72	12.90	3.71	12.00	3.79

DISPOSITION OF MILK SOLD Wisconsin, Selected Years

Year	Grade A	Percent	Grade B	Percent	Total
	Mil. lbs.		Mil. lbs.		Mil. lbs.
1955	4,950	32	10,509	68	15,459
1960	6,334	37	10,576	63	16,910
1965	7,688	42	10,450	58	18,138
1970	9,667	54	8,189	46	17,856
1975	11,652	63	6,703	37	18,355
1980	15,425	71	6,433	29	21,858
1985	18,265	75	5,965	25	24,230
1990	20,512	86	3,338	14	23,850
1995	20,818	92	1,854	8	22,672
2000	21,598	94	1,379	6	22,977
2001	20,828	95	1,096	5	21,924
2002	20,952	96	873	4	21,825
2003	21,122	96	880	4	22,002

MILK COW PRICES RECEIVED BY FARMERS Wisconsin, 1999-2003

Year	Jan.	April	July	Oct.
Dollars per head				
1999	1,260	1,250	1,300	1,420
2000	1,360	1,340	1,300	1,270
2001	1,250	1,360	1,520	1,630
2002	1,540	1,650	1,620	1,350
2003	1,380	1,330	1,330	1,420

NUMBERS AND AVERAGE PRODUCTION OF COWS ON DHI TEST
Wisconsin and United States, 2002-2003

Area and kind	Herds		Milk cows		Production per cow 1/						
	2002	2003	2002	2003	2002			2003			
WISCONSIN			Number			Milk	Fat	Protein	Milk	Fat	Protein
Official	3,751	3,590	392,156	399,361	22,247	827	680	22,733	840	692	
Non-official (management)	3,171	2,942	211,543	204,439	20,030	785	611	20,383	792	620	
Total	6,922	6,532	603,699	603,800	21,470	812	656	21,937	824	668	
UNITED STATES											
Official	21,836	20,741	3,655,953	3,606,737	21,475	792	661	21,471	792	661	
Non-official (management)	7,331	6,998	756,914	724,407	19,937	763	619	20,069	764	621	
Total	29,167	27,739	4,412,867	4,331,144	21,211	787	654	21,237	787	654	

1/Milk, fat, and protein totals are weighted based on number of milk cows.

DHI PRODUCTION AVERAGES BY BREED: Wisconsin, 2002-2003

Breeds	2002						2003					
	Herds	Milk	Fat	Test	Protein	Test	Herds	Milk	Fat	Test	Protein	Test
Ayrshire	26	15,721	612	3.89	492	3.13	25	15,618	612	3.92	492	3.15
Brown Swiss	90	17,933	733	4.09	600	3.35	93	18,171	737	4.06	607	3.34
Guernsey	78	14,934	677	4.53	498	3.33	76	15,002	678	4.52	501	3.34
Holstein	5,492	21,729	819	3.77	661	3.04	5,077	22,274	832	3.74	675	3.03
Jersey	194	14,680	700	4.77	527	3.59	195	15,058	717	4.76	539	3.58
Milking Shorthorn	15	14,928	591	3.96	469	3.14	17	14,574	578	3.97	457	3.14
Red and White	16	19,433	726	3.74	592	3.05	17	19,916	735	3.69	598	3.00
All breeds	5,911	21,525	815	3.79	657	3.05	5,500	22,040	827	3.75	670	3.04

WEIGHTED AVERAGE LEVELS OF COMPONENTS & SOMATIC CELL COUNT IN MILK ASSOCIATED WITH THE UPPER MIDWEST MILK MARKETING ORDER 2003

Month	Protein %	Other solids %	Solids not-fat	Somatic cell count
January	3.04	5.71	8.75	307
February	3.04	5.71	8.75	313
March	3.02	5.73	8.75	323
April	2.99	5.75	8.74	315
May	2.97	5.74	8.71	321
June	2.95	5.74	8.69	326
July	2.91	5.70	8.61	332
August	2.91	5.69	8.60	341
September	3.01	5.69	8.70	318
October	3.09	5.68	8.77	279
November	3.12	5.70	8.82	271
December	3.09	5.71	8.80	282
Average	3.01	5.71	8.72	311

DHI COMPONENT DATA FOR TOP 10 MILK-PRODUCING COUNTIES Wisconsin, 2003

County	Total number of herds tested	Butterfat average percent	Protein average percent	Somatic cell count average
Clark	294	3.94	3.11	329
Marathon	309	3.86	3.13	323
Dane	220	3.86	3.09	297
Manitowoc	190	3.74	3.11	298
Grant	252	3.88	3.12	347
Brown	144	3.66	3.07	323
Fond du lac	197	3.86	3.09	295
Dodge	248	3.86	3.09	261
Outagamie	46	3.67	3.07	286
Shawano	148	3.86	3.14	339

Source: Agricultural Marketing Service, Dairy Division,
 FMMO 30.

MILK PRODUCTION CASH COST AND RETURNS: Northern Crescent and United States, 2001-2002

Item	Northern Crescent 1/		United States	
	2001	2002	2001	2002
Dollars per cwt.				
Gross value of production:				
Milk	15.78	12.93	15.35	12.44
Cattle	1.24	1.14	1.12	1.02
Other income 2/	0.81	0.65	0.74	0.59
Total, gross value of production	17.83	14.72	17.21	14.05
Operating costs:				
Feed--				
Feed grains	1.24	1.44	1.27	1.48
Hay and straw	1.15	1.25	1.67	1.67
Complete feed mixes	1.14	1.22	1.50	1.56
Liquid whey and milk replacer	0.07	0.09	0.05	0.07
Silage	1.20	0.99	1.03	0.97
Grazed pasture and cropland	0.07	0.07	0.08	0.08
Other feed items 3/	1.07	1.24	1.12	1.21
Total, feed costs	5.94	6.30	6.72	7.04
Veterinary and medicine	0.79	0.78	0.66	0.65
Bedding and litter	0.24	0.23	0.16	0.16
Marketing	0.31	0.31	0.27	0.27
Custom services	0.48	0.48	0.54	0.53
Fuel, lube, and electricity	0.53	0.50	0.47	0.44
Repairs	0.61	0.62	0.56	0.56
Other operating costs 4/	0.00	0.00	0.01	0.01
Interest on operating capital	0.15	0.08	0.16	0.08
Total, operating cost	9.05	9.30	9.55	9.74
Allocated overhead:				
Hired labor	1.21	1.28	1.19	1.25
Opportunity cost of unpaid labor	5.15	5.20	3.58	3.64
Capital recovery of machinery and equipment 5/	4.22	4.22	3.42	3.38
Opportunity cost of land (rental rate)	0.08	0.08	0.06	0.06
Taxes and insurance	0.22	0.22	0.18	0.18
General farm overhead	0.63	0.64	0.50	0.51
Total, allocated overhead	11.51	11.64	8.93	9.02
Total costs listed	20.56	20.94	18.48	18.76
Value of production less total costs listed	-2.73	-6.22	-1.27	-4.71
Value of production less operating costs	8.78	5.42	7.66	4.31
Supporting information:				
Milk cows (head per farm)	68	70	95	97
Output per cow (pounds)	19,806	19,890	19,995	20,026
Milking frequency more than twice per day (percent of farms)	2.98	3.15	3.49	3.57
Homegrown feed cost (percent of total feed cost)	49	49	34	34
Milk cows injected with bST (head per farm)	14	14	17	18

1/Includes Wisconsin, Michigan, New York, the New England States, and parts of Minnesota, Ohio, and Pennsylvania. 2/Income from renting or leasing dairy stock to other operations; renting space to other dairy operations; co-op patronage dividends associated with the dairy; assessment rebates, refunds, and other dairy-related resources; and the fertilizer value of manure production.

3/Cotton seed meal, protein supplements, protein by-products, vitamin or mineral supplements, nonprotein by-products, alfalfa cubes or pellets, green chop, corn stalks, and antibiotics and other medicated additives. 4/Manure disposal fees, permits, and licenses, and odor control costs handling. 5/Machinery and equipment, housing, manure handling structures, feed storage structures, and dairy breeding herd. Source: Agricultural Resource Management Study, USDA.

BUTTER AND CHEESE PRODUCTION: Wisconsin, 1999-2003

Year	Butter	Total cheese 1/	Total American 2/	Swiss	Brick and Muenster	Italian	Mozzarella
1,000 pounds							
1999	290,119	2,148,054	939,437	33,472	57,110	864,575	639,959
2000	287,271	2,192,171	906,128	33,765	62,066	914,593	681,907
2001	324,675	2,133,156	833,232	35,872	63,487	949,973	713,336
2002	342,503	2,237,127	858,272	37,823	64,243	972,261	748,012
2003	309,264	2,276,648	828,438	35,776	60,330	1,031,859	776,996

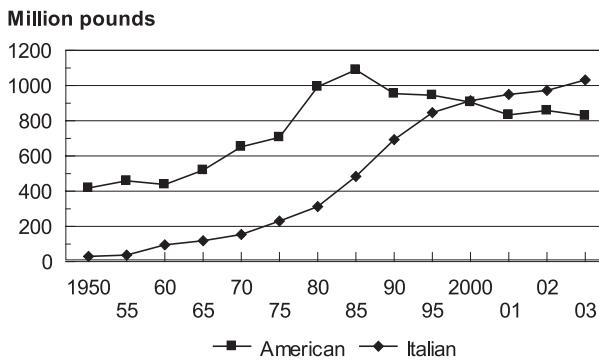
1/Includes cream cheese, and other miscellaneous types of cheese. Does not include cottage cheese. 2/Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

AMERICAN CHEESE PRODUCTION BY STYLE: Wisconsin, 2003

Style	Production	Percent of total 1/
1,000 pounds		
American Cheddar		
Barrel	92,254	11.1
40-lb. Block	228,298	27.6
640-lb. Block	303,960	36.7
Other	23,975	2.9
Colby	75,934	9.2
Monterey Jack		
Specialty	2,236	0.3
Non-specialty	101,781	12.3
Total American Types	828,438	100.0

1/Sum of parts may not equal 100.0 percent due to rounding.

AMERICAN AND ITALIAN CHEESE PRODUCTION Wisconsin



ITALIAN CHEESE PRODUCTION BY VARIETIES: Wisconsin, Selected Years

Variety	1964	1969	1975	1980	1985	1990	1995	2000	2003
1,000 pounds									
HARD									
Asiago	1,155	837	1/	1,593	1/	1/	6,657	11,644	18,902
Parmesan	22,275	18,817	24,945	32,264	50,302	40,346	49,948	42,812	46,726
Provolone	24,184	28,922	43,023	54,824	44,804	53,656	93,132	102,299	110,489
Romano	13,493	14,115	13,249	13,868	16,150	14,833	12,501	15,150	14,814
Other hard	317	1,170	1,799	2,602	1,673	2,221	1,060	2,011	3,391
Total hard	61,424	63,861	83,016	105,151	112,929	111,056	163,298	173,916	194,322
SOFT									
Mozzarella	48,011	89,261	144,119	202,186	360,524	558,910	633,452	681,907	776,996
Other soft	1,174	588	3,751	5,124	10,679	22,923	49,771	58,770	60,541
Total soft	49,185	89,849	147,870	207,310	371,203	581,833	683,223	740,677	837,537
All Italian	110,609	153,710	230,886	312,461	484,132	692,889	846,521	914,593	1,031,859

1/Combined with other hard.

CHEESE PRODUCTION: Wisconsin, 2003

Ranges of annual production 1/	Northern plants	Production	Central plants	Production	Southern plants	Production	State plants	Production
	Number	1,000 lbs.	Number	1,000 lbs.	Number	1,000 lbs.	Number	1,000 lbs.
Less than a million lbs.	6	2,147	11	1,846	13	3,618	30	7,611
1 to 9.99 million lbs.	5	18,596	8	24,720	3	4,239	16	47,555
10 million lbs. & over	5	174,966	8	418,355	2/	2/	13	593,321
Total	16	195,709	2/	2/	2/	2/	59	648,487

1/Plant qualifies for a certain range based only on its Cheddar production. 2/To avoid disclosing individual plant data, production over 10 million pounds has been combined for the Central and Southern plants.

TOTAL CHEESE PRODUCTION (Excluding Cottage Cheese) Wisconsin, 2003

Ranges of annual production	Northern plants	Production	Central plants	Production	Southern plants	Production	State plants	Production
	Number	1,000 lbs.	Number	1,000 lbs.	Number	1,000 lbs.	Number	1,000 lbs.
Less than a million lbs.	1/	1/	11	4,180	13	5,927	24	10,107
1 to 4.99 million lbs.	7	21,920	9	26,260	14	34,085	30	82,265
5 to 9.99 million lbs.	1/	1/	7	53,616	8	59,422	15	113,038
10 to 24.99 million lbs.	4	68,161	11	210,058	5	85,764	20	363,983
25 million lbs. and over	9	482,704	11	753,089	8	471,462	28	1,707,255
Total	1/	1/	1/	1/	48	656,660	117	2,276,648

1/To avoid disclosing individual plant data, production less than 1 million pounds and 5-9.99 million pounds have been combined for the Northern and Central districts.

SPECIALTY CHEESE PRODUCTION Wisconsin, 2002 and 2003

Cheese	No.of plants	2002 production	No. of plants	2003 production
		1,000 lbs.		1,000 lbs.
Asiago	8	15,726	8	18,903
Cheddar 1/	24	8,824	25	9,204
Edam	6	1,287	7	1,566
Farmers	15	2,313	17	2,469
Feta	10	41,465	10	44,070
Italian Fontina	7	2,169	7	2,578
Gouda	8	4,464	8	5,520
Havarti	8	4,634	10	7,017
Hispanic	14	29,777	18	34,830
Limburger	1	651	1	712
Parmesan Wheel	7	37,979	7	36,763
Provolone 2/	5	35,704	4	41,850
Romano Wheel	7	13,512	7	12,337
All Other 3/	42	82,541	41	84,580
Total 4/	71	281,046	75	302,399

1/Includes only specialty types of this variety. 2/Includes Provolone aged > 60 days and other specialty Provolone. 3/Combined to avoid disclosure of individual plant data. Includes: American Grana, Auribella, Bel Pease, Blue, Brie, Camembert, Butterkase, specialty Colby, Fior Dilatte, Fontinella, Gorgonzola, Gruyere, Juustoleipa, Knights Veil, Mascarpone, Middle Eastern cheeses, specialty Monterey Jack, other specialty Parmesan, Pepato, Peperon, Raclette, other specialty Romano, low-fat Swiss, specialty Swiss, Swedish style Fontina, and Yogurt cheese. 4/Total cheese plants producing one or more specialty cheeses.

PROCESSED CHEESE AND CHEESE FOODS Wisconsin, 1999-2003

Year	Processed cheese	Processed cheese foods & spreads	Cold pack cheese and cheese food
1,000 pounds			
1999	495,578	517,475	31,932
2000	609,229	380,195	29,072
2001	601,073	309,195	27,424
2002	571,511	308,887	32,387
2003	546,641	363,609	44,439

WHEY PRODUCTS: Wisconsin, 1999-2003

Year	Dry whey		Total lactose	Whey protein concentrate human food
	Human food	Animal		
1,000 pounds solids				
1999	276,343	29,477	95,262	50,845
2000	299,997	30,317	95,979	50,099
2001	279,913	21,763	106,645	47,921
2002	303,604	17,982	116,200	49,837
2003	308,145	18,525	119,414	56,486

DAIRY PRODUCT PRICE AVERAGES: By Months, United States, 2000-2004 1/

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
Dollars per pound												
Butter (Grade AA, 80% butterfat, salted, fresh, or storage)												
2000	0.8820	0.9002	0.9497	1.0449	1.1680	1.2725	1.1547	1.1520	1.1560	1.1344	1.4051	1.4698
2001	1.1725	1.3143	1.4942	1.7126	1.8527	1.9263	1.9094	1.9990	2.1198	1.4701	1.3040	1.2894
2002	1.3324	1.2480	1.2333	1.1720	1.0525	1.0343	1.0112	0.9925	0.9431	0.9945	1.0170	1.0926
2003	1.0872	1.0476	1.0546	1.0736	1.0743	1.0797	1.1196	1.1578	1.1332	1.1611	1.1881	1.2557
2004	1.3632	1.6582	2.0994	2.1994	2.1385	1.9290	1.8269	1.6101	1.7278			
Nonfat Dry Milk, (Extra Grade and USPH Grade A, nonfortified)												
2000	1.0115	1.0106	1.0094	1.0078	1.0071	1.0097	1.0102	1.0108	1.0166	1.0127	1.0159	1.0158
2001	1.0165	1.0137	1.0127	1.0145	1.0180	1.0148	0.9634	0.9473	0.9497	0.9441	0.9349	0.9199
2002	0.9161	0.9121	0.9060	0.8975	0.8972	0.9005	0.9033	0.9074	0.9096	0.9165	0.9177	0.8682
2003	0.8207	0.8111	0.8051	0.8030	0.8040	0.8040	0.8072	0.8105	0.8111	0.8109	0.8130	0.8070
2004	0.8062	0.8064	0.8101	0.8171	0.8383	0.8497	0.8513	0.8584	0.8639			
Cheddar Cheese (natural, unaged) 2/												
2000	1.1517	1.1067	1.1093	1.1011	1.1022	1.1137	1.2189	1.1660	1.2315	1.1602	1.0245	1.0898
2001	1.1180	1.1467	1.2737	1.3423	1.5129	1.6211	1.6573	1.6693	1.7085	1.5591	1.2322	1.2762
2002	1.2922	1.2895	1.2087	1.2323	1.2359	1.1708	1.1004	1.1189	1.1438	1.2020	1.1111	1.1203
2003	1.1370	1.1299	1.0780	1.0997	1.1394	1.1464	1.3497	1.5496	1.5940	1.5936	1.4941	1.3260
2004	1.3023	1.3260	1.5680	2.0520	2.1266	1.8411	1.5695	1.5167	1.5867			
Dry Whey (Extra Grade, edible, nonhygroscopic)												
2000	0.1857	0.1788	0.1780	0.1765	0.1760	0.1794	0.1909	0.1929	0.1856	0.1826	0.1917	0.2172
2001	0.2484	0.2561	0.2406	0.2446	0.2590	0.2764	0.2862	0.2886	0.2871	0.2835	0.2823	0.2868
2002	0.2747	0.2334	0.2066	0.1948	0.1759	0.1639	0.1545	0.1571	0.1755	0.2131	0.2223	0.1965
2003	0.1728	0.1632	0.1599	0.1582	0.1450	0.1396	0.1470	0.1615	0.1755	0.1892	0.1947	0.1941
2004	0.1801	0.1677	0.1817	0.2602	0.2992	0.2890	0.2607	0.2246	0.2162			

1/The commodity prices are NASS Dairy Product Price Averages used by AMS in the Federal Milk Order Price Formulas for Class II (butterfat), Class III, and Class IV. 2/Cheddar cheese price is a combination of the 40 lb. cheddar block and 500 lb. cheddar barrel NASS prices, as used in AMS formulas. Source: Agricultural Marketing Service, (AMS).

DAIRY PLANTS MAKING SELECTED PRODUCTS: Wisconsin, Selected Years 1/

Product	1950	1960	1970	1980	1985	1990	1995	2000	2003
Number of dairy plants									
Butter Cheese	291	170	74	35	25	15	14	12	11
American	961	595	368	250	198	117	85	71	62
Swiss	195	96	41	20	22	14	11	10	13
Muenster	72	73	51	43	48	34	31	26	26
Brick	114	65	37	30	32	16	17	17	20
Italian	64	79	66	57	58	51	52	48	53
Total cheese 2/	1,279	798	481	334	284	188	142	125	117
Dry products	n.a.	n.a.	23	17	16	13	9	10	8
Dry whey, animal feed	n.a.	n.a.	19	14	16	12	11	10	10
Dry whey, human food	n.a.	n.a.	41	21	23	17	12	10	12
Ice cream mix (regular)	91	74	41	21	23	17	12	10	205
Total manufacturing one or more dairy products	n.a.	n.a.	667	425	400	286	230	205	200

1/Includes only plants actually making specified product, rather than all plants licensed to make specified product. 2/Excludes cottage and processed cheese. N.a.=not available.

DAIRY PRODUCTS FARM VALUE SHARE: United States, Selected Years 1/

Year	Fluid milk 2/			Natural cheddar cheese 3/			Dairy products		
	Retail cost	Farm value	Farm value share	Retail cost	Farm value	Farm value share	Retail cost	Farm value	Farm-to-retail spread
	Dollars	Percent		Dollars	Percent		Index (1982-84=100)		
1965	—	—	—	—	—	—	36	33	40
1970	—	—	—	—	—	—	45	44	45
1975	0.77	0.41	54	—	—	—	62	63	61
1980	1.05	0.56	53	—	—	—	91	96	86
1985	1.13	0.56	49	3.09	1.12	36	103	95	110
1990	1.42	0.64	45	3.50	1.19	34	127	102	150
1995	1.43	0.58	41	3.39	1.16	34	133	92	170
1996	1.56	0.67	43	3.25	1.30	40	142	107	174
1997	1.58	0.59	37	3.22	1.17	36	146	98	189
1998	1.62	0.66	41	3.55	1.39	39	151	113	186
1999	1.71	0.67	39	3.77	1.21	32	160	108	207
2000	1.67	0.56	34	3.83	1.11	29	161	99	218
2001	1.63	0.47	29	3.89	1.02	26	167	119	212
2002	1.66	0.43	26	4.04	.91	23	168	98	233

1/Fluid milk figures available since 1974. Cheese figures available since 1985. 2/Price per half gallon. 3/Price per pound. Source: Food and Consumer Economics Division, ERS, USDA.

DAIRY PRODUCTS: Per Capita Consumption, United States, Selected Years 1/

Year	Fluid milk & cream	Butter	Natural cheese	Cottage cheese	Evaporated and condensed milk	Ice cream	Lowfat ice cream	Nonfat dry milk	All dairy products milk equivalent milkfat basis
Pounds									
1970	264	5.4	11.4	5.2	12.0	17.8	7.7	5.3	564
1975	261	4.7	14.5	4.7	8.9	18.5	7.7	3.3	539
1980	246	4.5	17.5	4.5	7.1	17.5	7.1	3.0	543
1985	241	4.9	22.6	4.1	7.4	18.1	6.9	2.3	594
1990	233	4.4	24.6	3.4	8.0	15.8	7.7	2.9	568
1995	221	4.4	26.9	2.7	6.8	15.5	7.4	3.4	576
2000	210	4.5	29.8	2.6	5.8	16.6	7.3	2.6	592
2001	207	4.4	30.0	2.6	5.5	16.3	7.3	3.2	587
2002	206	4.4	30.4	2.6	6.0	16.4	6.5	3.1	586
2003	204	4.5	30.6	2.7	5.5	17.4	6.7	3.4	594

1/Excludes shipments to territories. Data may not add to total due to rounding. Source: USDA/Economic Research Service.

SELECTED CHEESE: Per Capita Consumption, United States, Selected Years 1/

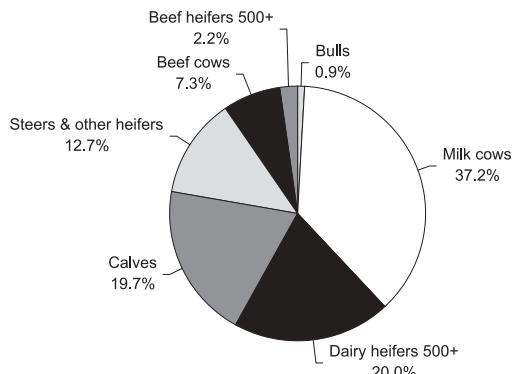
Year	Total American	Mozzarella	Other Italian	Total Italian	Swiss	Brick and Muenster	Cream and Neufchatel	Blue	Other Miscellaneous	All cheese	Processed cheese
Pounds											
1970	7.0	1.2	0.9	2.1	0.9	0.3	0.6	0.2	0.4	11.4	5.5
1975	8.2	2.1	1.1	3.2	1.1	0.3	0.7	0.2	0.5	14.3	6.7
1980	9.7	3.0	1.4	4.4	1.3	0.4	1.0	0.2	0.6	17.5	7.1
1985	12.2	4.6	1.8	6.5	1.3	0.4	1.2	0.2	0.8	22.5	7.6
1990	11.1	6.9	2.0	9.0	1.4	0.5	1.7	0.2	0.8	24.6	8.6
1995	11.7	8.0	2.3	10.3	1.1	0.5	2.0	0.2	1.2	26.9	8.7
2000	12.7	9.3	2.6	12.0	1.0	0.3	2.4	0.2	1.1	29.8	8.0
2001	12.8	9.7	2.6	12.3	1.2	0.3	2.3	0.2	1.0	30.0	7.7
2002	12.8	9.7	2.7	12.4	1.1	0.3	2.4	0.2	1.2	30.5	8.1
2003	12.7	9.6	2.8	12.5	1.2	0.3	2.3	0.2	1.4	30.6	8.2

1/Excludes shipments to territories. Data may not add to total due to rounding. Source: USDA/Economic Research Service.

CATTLE AND CALVES: Number on Farms, Wisconsin, January 1, 1999-2004

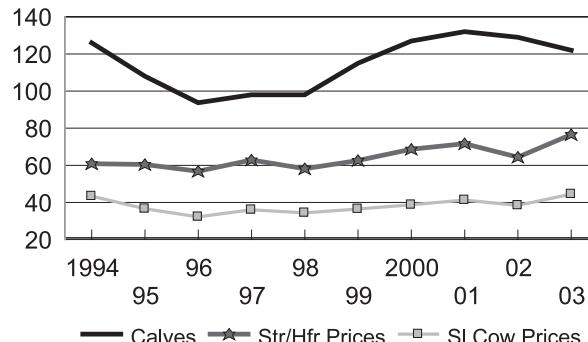
Year	All cattle and calves	Milk cows	Beef cows	Bulls 500 lbs. +	Replacement heifers		Other heifers 500 lbs. +	Steers 500 lbs. +	Calves under 500 lbs.
					Dairy 500 lbs. +	Beef 500 lbs. +			
1,000 head									
1999	3,400	1,370	210	30	640	40	80	290	740
2000	3,400	1,360	220	30	630	40	80	310	730
2001	3,350	1,325	225	30	635	55	90	330	660
2002	3,300	1,280	230	30	650	60	90	330	630
2003	3,350	1,265	235	30	660	70	75	345	670
2004	3,350	1,245	245	30	670	75	75	350	660

**Wisconsin Cattle Inventory
January 1, 2004**



WISCONSIN CATTLE PRICES

Dollars per hundredweight



CATTLE AND CALVES: Production, Disposition, and Income, Wisconsin, 1999-2003

Year	All cattle and calves January 1	Calves born	In-shipments	Marketings		Cattle and calves	Slaughter on farms		Deaths								
				Cattle	Calves		Cattle	Calves	Cattle	Calves							
1,000 head																	
1999	3,400	1,450	72	776	520	9	67	150									
2000	3,400	1,400	82	826	498	8	70	130									
2001	3,350	1,360	76	806	458	7	75	140									
2002	3,300	1,350	94	752	440	7	65	130									
2003	3,350	1,350	84	763	454	7	70	140									
Year	Production	Marketings	Price per 100 pounds			Cash receipts	Value of home consumption	Gross income									
			Cattle	Calves													
1,000 pounds																	
Dollars																	
1999	1,067,520	1,079,500	47.50	115.00	600,175	14,579	614,754										
2000	1,213,698	1,159,480	51.40	127.00	700,966	15,643	716,609										
2001	1,203,564	1,123,080	54.10	132.00	707,049	15,837	722,886										
2002	1,049,222	1,058,760	49.40	129.00	627,622	14,874	642,496										
2003	1,058,376	1,076,820	58.00	122.00	711,340	16,935	728,275										

CATTLE AND CALVES: By Size Group, Wisconsin, 1999-2003

Year	Operations having:					Inventory on operations having:				
	1-49 head	50-99 head	100-499 head	500-999 head	1000 + head	1-49 head	50-99 head	100-499 head	500-999 head	1000 + head
	Number					Percent				
1999	18,000	11,500	13,000	410	90	9.7	21.0	58.0	7.8	3.5
2000	18,000	11,000	12,400	500	100	9.5	20.0	57.0	9.5	4.0
2001	17,000	10,200	12,100	570	130	9.0	19.0	56.0	10.5	5.5
2002	16,000	10,000	12,200	630	170	8.5	17.5	55.0	12.0	7.0
2003	15,700	9,600	11,900	630	170	8.5	17.0	55.0	12.0	7.5

PRICES RECEIVED BY FARMERS FOR CATTLE: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per hundredweight												
BEEF CATTLE 1/												
1999	44.30	45.10	46.20	46.50	47.40	48.50	48.90	48.50	47.80	48.40	48.90	49.50
2000	50.10	50.10	51.50	53.10	52.90	52.90	52.30	51.50	49.70	50.50	50.50	51.60
2001	53.40	56.20	56.20	57.80	58.40	58.60	56.10	55.10	54.00	50.10	48.00	47.80
2002	50.60	53.90	54.30	51.80	51.00	50.90	49.20	48.20	45.60	45.30	45.90	47.00
2003	51.00	52.30	52.30	54.10	56.00	57.10	56.90	58.70	62.10	62.00	68.70	66.20
STEERS AND HEIFERS												
1999	57.10	58.40	60.80	61.50	61.00	62.70	62.60	63.10	64.00	65.30	66.90	67.60
2000	68.30	66.50	68.30	70.40	70.40	69.00	68.50	67.40	65.20	68.90	69.70	71.60
2001	72.20	73.90	76.20	77.20	76.20	77.00	72.70	70.60	71.10	66.60	65.00	64.70
2002	67.30	70.40	70.50	66.40	64.00	64.60	61.10	61.00	60.00	62.00	63.90	65.00
2003	68.90	69.60	69.60	72.70	73.10	74.60	72.70	75.20	82.50	83.80	94.50	87.20
SLAUGHTER COWS												
1999	35.00	35.40	35.70	35.60	37.60	38.20	38.90	37.90	36.10	36.10	35.80	36.40
2000	37.00	38.20	39.40	40.50	40.20	41.20	40.60	39.90	38.50	37.20	36.60	37.10
2001	39.70	43.40	41.70	43.70	45.50	45.30	44.10	43.80	41.70	38.20	35.70	35.60
2002	38.50	42.00	42.60	41.30	41.60	40.90	40.50	38.90	35.20	33.20	32.90	34.00
2003	38.10	39.80	39.80	40.70	43.60	44.50	45.50	46.70	47.30	46.20	50.10	51.00
CALVES 2/												
1999	103.00	108.00	107.00	109.00	115.00	112.00	113.00	117.00	118.00	124.00	125.00	126.00
2000	127.00	125.00	126.00	133.00	139.00	127.00	119.00	123.00	133.00	128.00	123.00	119.00
2001	119.00	128.00	135.00	138.00	139.00	136.00	134.00	135.00	140.00	128.00	126.00	130.00
2002	134.00	140.00	142.00	140.00	144.00	132.00	125.00	128.00	122.00	118.00	116.00	115.00
2003	119.00	118.00	111.00	108.00	114.00	122.00	121.00	128.00	131.00	131.00	132.00	128.00

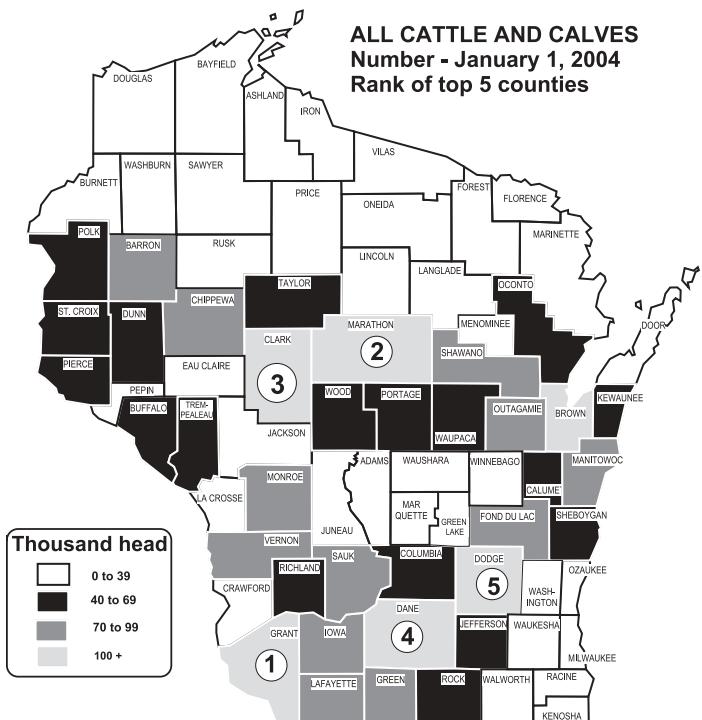
1/"Slaughter cows" and "steers and heifers" combined, excludes calves. 2/Includes replacement, feeders, slaughter "bobs" and special fed veal calves weighing less than 500 pounds.

ALL CATTLE AND CALVES: By Counties, Wisconsin, January 1, 2003-2004

County	2003	2004
	Number	
Barron	69,000	69,000
Bayfield	11,000	11,000
Burnett	12,000	12,000
Chippewa	80,000	80,000
Douglas	7,500	7,500
Polk	48,500	50,000
Rusk	30,000	30,000
Sawyer	7,500	7,500
Washburn	12,500	12,000
NW District	278,000	279,000
Ashland	7,000	7,500
Clark	137,000	135,000
Iron	—	—
Lincoln	14,000	13,000
Marathon	143,000	140,000
Oneida	1,400	1,400
Price	13,500	14,000
Taylor	45,000	43,000
Vilas	—	—
NC District	362,000	355,000
Florence	1,700	1,700
Forest	4,800	5,300
Langlade	16,000	16,000
Marinette	28,500	29,000
Oconto	53,000	53,000
Shawano	92,000	90,000
NE District	196,000	195,000
Buffalo	63,000	63,000
Dunn	62,000	63,000
Eau Claire	33,000	35,000
Jackson	36,000	38,000
La Crosse	32,000	32,000
Monroe	72,000	71,000
Pepin	26,000	25,000
Pierce	53,000	53,000
St. Croix	60,000	61,000
Trempealeau	63,000	65,000
WC District	500,000	506,000
Adams	11,500	11,500
Green Lake	25,000	24,000
Juneau	25,000	24,500
Marquette	17,000	16,000
Portage	43,500	42,000
Waupaca	57,000	57,000
Waushara	16,000	15,000
Wood	47,000	47,000
C District	242,000	237,000
Brown	107,000	104,000
Calumet	55,000	54,000
Door	23,000	23,000
Fond du Lac	94,000	97,000
Kewaunee	62,000	65,000
Manitowoc	95,000	94,000
Outagamie	86,000	83,000
Sheboygan	61,000	61,000
Winnebago	30,000	31,000
EC District	613,000	612,000

County	2003	2004
	Number	
Crawford	39,000	39,000
Grant	165,000	165,000
Iowa	84,000	85,000
Lafayette	91,000	93,000
Richland	45,000	45,000
Sauk	84,000	83,000
Vernon	75,000	75,000
SW District	583,000	585,000
Columbia	57,000	55,000
Dane	124,000	127,000
Dodge	108,000	107,000
Green	83,000	85,000
Jefferson	40,000	41,000
Rock	45,000	45,000
SC District	457,000	460,000
Kenosha	10,000	10,000
Milwaukee	—	—
Ozaukee	20,500	20,500
Racine	—	—
Walworth	30,000	32,000
Washington	36,000	35,000
Waukesha	11,000	11,000
SE District	119,000	121,000
State	3,350,000	3,350,000

1/Not published, but included in total.

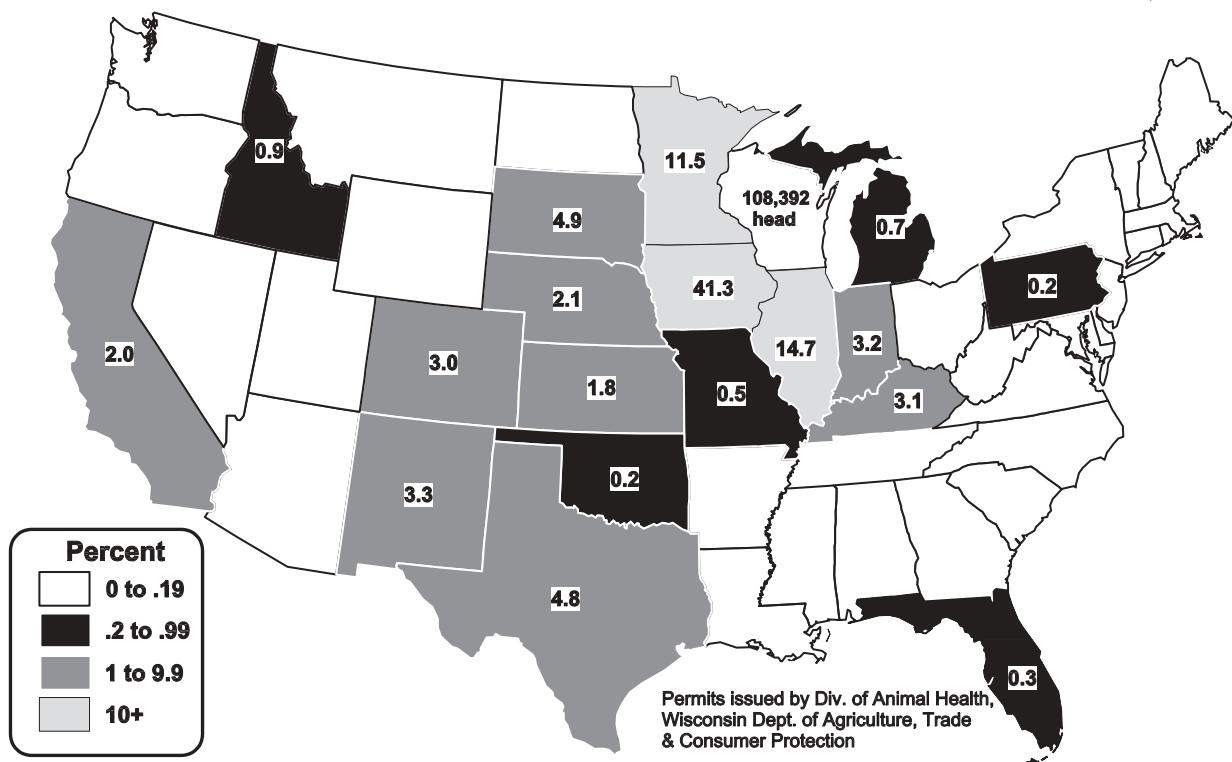


CATTLE AND CALVES: Shipped Out of Wisconsin, 2000-2003 1/

State	2000	2001	2002	2003	State	2000	2001	2002	2003
Number									
Rhode Island	—	—	—	—	Kentucky	2,320	2,430	2,798	3,412
New Hampshire	—	—	—	2	Tennessee	483	212	157	157
Maine	5	3	19	1	Alabama	3	76	29	5
Vermont	4	9	34	—	Mississippi	11	161	2	—
Massachusetts	3	—	—	1	Arkansas	258	4	31	10
Connecticut	—	6	3	8	Louisiana	53	72	7	3
New York	220	306	60	49	Oklahoma	320	273	363	236
New Jersey	1	—	6	1	Texas	5,812	7,808	7,512	5,219
Pennsylvania	253	351	229	238	S. Central	9,260	11,036	10,899	9,042
N. Atlantic	486	675	351	300					
Ohio	1,343	386	675	204	Montana	142	380	459	136
Indiana	15,632	9,363	8,379	3,483	Idaho	2,489	4,555	2,667	1,043
Illinois	15,706	11,254	12,314	15,929	Wyoming	74	49	25	43
Michigan	1,506	678	817	800	Colorado	2,361	2,228	1,708	3,238
E. N. Central	34,187	21,681	22,185	20,416	New Mexico	4,826	6,504	4,758	3,569
Minnesota	4,776	8,431	3,890	12,472	Arizona	1,075	990	324	161
Iowa	41,814	27,614	21,241	44,813	Utah	98	187	116	42
Missouri	4,164	3,601	4,994	586	Nevada	11	32	3,349	—
North Dakota	1,210	832	338	203	Washington	260	333	241	195
South Dakota	7,846	5,009	5,432	5,312	Oregon	337	277	68	4
Nebraska	5,510	3,894	2,239	2,312	California	6,375	7,307	3,796	2,220
Kansas	2,148	2,627	1,445	1,935	Western	18,048	22,842	17,511	10,651
W. N. Central	67,468	52,008	39,579	67,633					
Delaware	—	1	1	—	Alaska	45	—	—	—
Maryland	22	7	17	8	Hawaii	—	—	—	—
Virginia	25	47	9	15	Total	131,606	110,271	90,889	108,392
West Virginia	1	65	—	—					
N. Carolina	146	203	121	23					
S. Carolina	53	38	2	2					
Georgia	135	657	118	12					
Florida	1,730	1,011	96	290					
S. Atlantic	2,112	2,029	364	350					

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.

PERCENT OF CATTLE & CALVES SHIPPED FROM WISCONSIN, 2003



CATTLE AND CALVES: Shipped Out of Wisconsin to International Markets, 2000-2003

Country	2000	2001	2002	2003	Country	2000	2001	2002	2003
Number					Number				
N. America					E. Europe				
Canada	266	226	340	368	Poland	—	19	—	—
Mexico	5,939	4,368	1,703	1,154					
C. America					W. Europe				
Costa Rica	—	—	65	—	Denmark	—	—	86	—
Caribbean					France	36	—	—	—
Dominican Republic	39	—	10	57	Italy	—	—	2	—
Turks & Caicos Islands	—	—	3	—	Switzerland	—	—	60	—
Puerto Rico	50	—	47	575	United Kingdom	—	—	60	—
S. America									
Argentina	4	—	—	3	Asia				
Brazil	9	33	6	6	Japan	—	76	—	4
Colombia	—	63	—	—	Rep. of Korea	4	—	—	2
Uruguay	—	—	1,710	—	Macau	—	—	—	37
Venezuela	16	—	32	—	Total 1/	6,363	4,786	4,124	2,206
Africa									
Morocco	—	1	—	—	1/Does not include cattle and calves shipped to other states and inspected there for export to international markets.				

MEAT: Per Capita Consumption (Boneless, Trimmed Equivalent), United States, Selected Years 1/

Year	Beef	Pork	Veal	Lamb	Total red meat	Chicken	Turkey	Fish and shellfish	Total meat, poultry and fish
Pounds									
1970	79.6	48.1	2.0	2.1	131.9	27.4	6.4	11.7	177.5
1975	83.2	38.4	2.8	1.3	125.8	26.3	6.5	12.1	170.7
1980	72.1	52.1	1.3	1.0	126.4	32.7	8.1	12.4	179.6
1985	74.6	47.7	1.5	1.1	124.9	36.4	9.1	15.0	185.5
1990	63.9	46.4	0.9	1.0	112.2	42.4	13.8	14.9	183.4
1995	63.5	48.4	0.8	0.9	113.6	48.2	13.9	14.8	190.4
2000	64.5	47.8	0.5	0.8	113.7	54.2	13.7	15.2	196.8
2001	63.1	46.9	0.5	0.8	111.4	54.0	13.8	14.7	193.9
2002	64.5	48.2	0.5	0.9	114.0	56.8	14.0	15.6	200.4

1/Excludes shipments to territories. Data may not add to total due to rounding. Source: USDA/Economic Research Service.

HOGS: Number on Farms, Wisconsin, December 1, 1999-2003

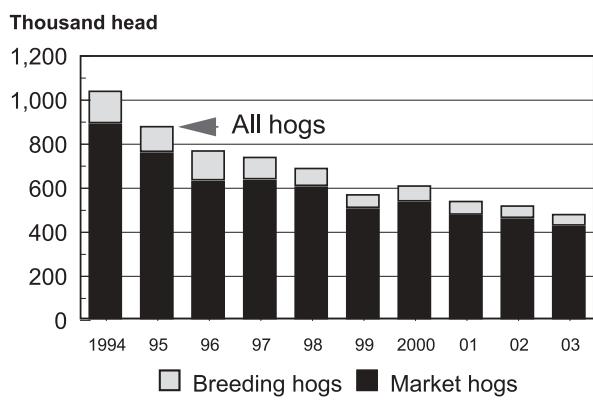
Year	All hogs and pigs	Breeding hogs	Market hogs				
			Total	< 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. +
1,000 head							
1999	570	65	505	165	135	105	100
2000	610	75	535	190	125	110	110
2001	540	65	475	180	105	100	90
2002	520	60	460	165	110	95	90
2003	480	55	425	165	95	85	80

HOGS: Sows Farrowing and Pig Crop, By Quarter, Wisconsin, 1999-2003

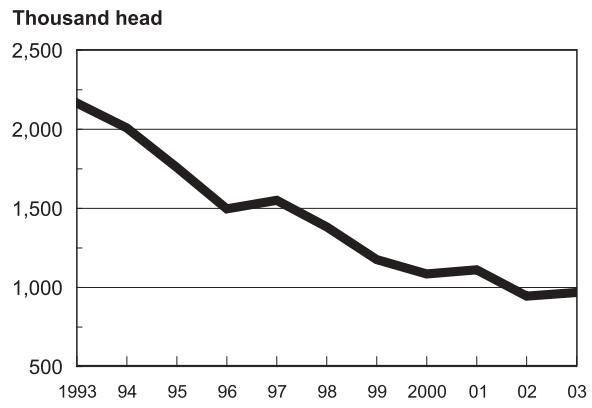
Year	Dec. 1/ - Feb.		Mar. - May		June - Aug.		Sept. - Nov.		Annual pig crop
	Sows farrowing	Pig crop	Sows farrowing	Pig crop	Sows farrowing	Pig crop	Sows farrowing	Pig crop	
1,000 head									
1999	37	309	36	306	34	292	31	270	1,177
2000	31	271	30	266	30	267	33	282	1,086
2001	34	281	33	284	36	293	30	254	1,112
2002	28	237	29	248	26	217	28	244	946
2003	29	249	28	245	29	249	26	226	969

1/December of previous year.

WISCONSIN HOG INVENTORY, DECEMBER 1



WISCONSIN ANNUAL PIG CROP



HOGS AND PIGS: By Size Group, Wisconsin, 1999-2003

Year	Operations having:					Inventory on operations having:				
	1-99 head	100-499 head	500-999 head	1000-1999 head	2000 + head	1-99 head	100-499 head	500-999 head	1000-1999 head	2000 + head
Number										
1999	2,200	790	155	110	45	8.0	28.0	17.0	24.0	23.0
2000	1,900	510	120	110	60	7.0	20.0	14.0	25.0	34.0
2001	1,900	510	120	110	60	7.0	20.0	14.0	25.0	34.0
2002	1,610	510	140	90	50	8.0	19.0	17.0	21.0	35.0
2003	1,610	510	150	80	50	8.0	20.0	18.0	19.0	35.0

HOGS: Production, Disposition, and Income, Wisconsin, 1999-2003

Year	All hogs December 1 previous year	Pig crop			Inshipments	Marketings	Slaughter on farms	Deaths
		Spring Dec. 1/ - May	Fall June - Nov.	Total				
1,000 head								
1999	690	615	562	1,177	106	1,352	2	49
2000	570	537	549	1,086	115	1,116	2	43
2001	610	565	547	1,112	104	1,240	2	44
2002	540	485	461	946	122	1,047	2	39
2003	520	494	475	969	102	1,073	2	36
1,000 pounds								
Year		Production		Marketings		Price per 100 pounds	Cash receipts	Value of home consumption
						Dollars	Gross income	
						1,000 dollars	All hogs December 1 current year	
						1,000 head		
1999	304,386	326,220	26.80	96,133	347	96,480	570	
2000	264,092	263,500	37.60	110,089	493	110,582	610	
2001	279,636	295,010	39.10	127,958	517	128,475	540	
2002	230,983	239,120	28.70	83,915	380	84,295	520	
2003	238,925	249,285	36.90	105,936	492	106,428	480	

1/December of previous year.

PRICES RECEIVED BY FARMERS FOR HOGS: By Months, Wisconsin, 1999-2003

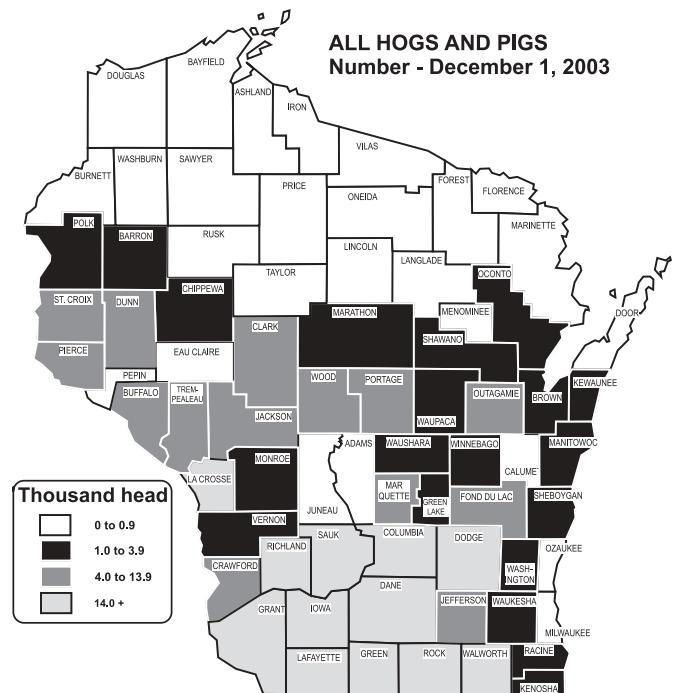
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Dollars per cwt.												
HOGS, ALL												
1999	23.20	24.80	23.30	26.30	32.70	30.40	27.20	32.80	30.50	30.70	30.20	31.80
2000	33.50	36.40	37.50	42.70	44.10	43.60	42.70	38.10	35.90	35.90	31.40	34.80
2001	32.90	34.90	40.70	43.20	45.20	46.60	46.20	44.90	39.20	34.10	29.60	28.20
2002	32.90	33.50	31.30	26.30	28.20	31.20	32.80	28.40	23.10	25.70	24.00	26.50
2003	28.70	31.70	33.40	34.10	41.80	47.50	46.90	44.80	45.00	39.90	34.60	33.90
BARROWS & GILTS												
1999	24.60	26.00	23.90	27.10	33.70	31.20	28.90	34.80	32.10	32.30	31.70	33.00
2000	34.00	37.00	38.60	43.90	45.10	45.20	44.40	39.20	36.80	36.70	32.10	35.90
2001	33.60	36.00	41.90	44.20	46.40	47.80	47.40	46.10	40.40	35.20	30.70	29.30
2002	34.00	34.60	32.00	27.00	29.30	32.70	34.60	29.70	24.50	27.00	24.90	27.60
2003	29.90	32.90	34.50	35.20	43.20	48.90	48.00	46.00	46.40	41.00	35.60	35.00
SOWS												
1999	14.00	16.50	19.00	20.80	26.10	24.90	15.90	19.70	19.70	20.30	20.10	23.40
2000	30.10	32.20	30.40	34.70	37.10	32.60	31.10	31.10	30.10	30.60	26.60	27.40
2001	28.30	27.80	32.50	36.40	37.00	38.40	37.90	36.80	31.40	26.40	22.30	20.90
2002	25.30	25.90	26.90	21.90	21.10	21.00	21.00	19.50	13.50	17.00	18.00	19.30
2003	20.50	23.30	25.80	26.50	32.80	38.20	39.80	36.60	36.00	32.90	27.80	26.30

ALL HOGS AND PIGS: By Counties, Wisconsin, December 1, 2002-2003

County	2002	2003
	Number	
Barron	1,400	1,100
Bayfield 1/	—	—
Burnett 1/	—	—
Chippewa	4,000	3,200
Douglas1/	—	—
Polk	2,500	2,100
Rusk 1/	—	—
Sawyer 1/	—	—
Washburn 1/	—	—
NW District	9,700	8,000
Ashland 1/	—	—
Clark	8,700	8,000
Iron 1/	—	—
Lincoln 1/	—	—
Marathon	1,700	1,600
Oneida 1/	—	—
Price 1/	—	—
Taylor 1/	—	—
Vilas 1/	—	—
NC District	12,000	11,000
Florence 1/	—	—
Forest 1/	—	—
Langlade 1/	—	—
Marinette 1/	—	—
Oconto	1,200	1,000
Shawano	1,700	1,700
NE District	4,300	4,000
Buffalo	7,300	6,500
Dunn	10,500	8,800
Eau Claire 1/	—	—
Jackson	10,500	8,500
La Crosse	20,500	20,000
Monroe	2,300	2,100
Pepin 1/	—	—
Pierce	6,300	5,200
St. Croix	8,100	7,300
Trempealeau	6,100	5,600
WC District	74,000	66,000
Adams 1/	—	—
Green Lake	2,800	2,400
Juneau 1/	—	—
Marquette	4,700	4,300
Portage	4,700	4,300
Waupaca	4,500	3,600
Waushara	1,200	1,100
Wood	5,100	4,700
C District	25,000	22,000
Brown	2,400	2,500
Calumet 1/	—	—
Door 1/	—	—
Fond du Lac	11,800	10,000
Kewaunee	3,600	3,000
Manitowoc	2,500	2,200
Outagamie	11,600	10,000
Sheboygan	3,500	3,000
Winnebago	1,200	1,000
EC District	38,000	33,000

County	2002	2003
	Number	
Crawford	12,000	11,500
Grant	73,000	71,000
Iowa	17,900	15,000
Lafayette	25,000	23,000
Richland	20,000	19,500
Sauk	46,000	52,000
Vernon	3,100	3,000
SW District	197,000	195,000
Columbia	20,000	16,000
Dane	27,000	23,500
Dodge	32,000	29,500
Green	19,000	17,000
Jefferson	7,500	6,500
Rock	22,500	19,500
SC District	128,000	112,000
Kenosha	5,000	3,900
Milwaukee 1/	—	—
Ozaukee 1/	—	—
Racine	2,500	2,200
Walworth	18,700	18,000
Washington	2,800	2,100
Waukesha	1,700	1,400
SE District	32,000	29,000
State	520,000	480,000

1/Not published, but included in total.



HOGS: Feeding and Breeding Shipped Out of Wisconsin, 1998-2003 1/

State	1998	1999	2000	2001	2002	2003
Number						
Alabama	—	—	—	4	—	—
Arizona	—	5	—	—	—	7
California	5	24	53	48	—	488
Colorado	—	29	2,379	2,520	1,199	1,090
Connecticut	—	—	—	—	—	3
Delaware	3	4	5	2	—	—
Florida	—	—	21	2	1	124
Georgia	35	73	47	36	—	392
Idaho	—	—	—	—	162	361
Illinois	13,389	16,687	22,137	17,925	11,321	16,924
Indiana	8,092	9,065	3,122	2,749	983	665
Iowa	108,227	83,782	99,974	130,754	174,212	126,010
Kansas	289	1,182	1,997	1,960	3,183	552
Kentucky	7,231	7,748	399	6,767	12,476	10,743
Maine	—	—	—	—	8	7
Maryland	—	—	4	11	—	10
Massachusetts	—	2	6	6	—	9
Michigan	651	1,583	880	223	138	443
Minnesota	8,248	22,451	17,238	19,436	19,408	26,511
Mississippi	—	—	15	5	—	—
Missouri	2,060	878	1,348	1,600	927	311
Montana	316	19	—	—	—	137
Nebraska	2,540	634	1,081	828	730	5,147
New Jersey	—	1,287	50	1	—	—
New Mexico	79	—	38	—	35	399
New York	2	19	—	—	—	6
North Carolina	752	510	1,455	984	729	456
North Dakota	1	17	4	2	2	217
Ohio	164	232	859	1,308	683	82
Oklahoma	4	35	671	225	341	1,004
Oregon	2	—	—	1	—	4
Pennsylvania	850	603	480	345	197	88
South Carolina	—	46	62	4	23	—
South Dakota	15	929	1,061	335	952	2,748
Tennessee	1,156	19	7	43	2	8
Texas	282	119	59	25	141	1,411
Utah	50	—	—	—	—	1
Vermont	—	—	—	—	—	8
Virginia	—	—	61	611	158	2
Washington	—	—	—	—	—	38
West Virginia	—	—	—	—	—	—
Wyoming	2	62	233	85	—	16
United States	154,445	148,044	155,746	188,845	228,011	196,422
Outside United States	63	75	—	—	—	—
Total	154,508	148,119	155,746	188,845	228,011	196,422

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection.

HOGS: Feeding and Breeding Shipped Out of Wisconsin To Other States, By Months, 1999-2003 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual 2/
1,000 head													
1999	11.0	7.2	15.9	13.5	16.3	15.9	8.9	10.7	11.0	15.3	12.3	10.0	148.0
2000	10.2	12.2	14.7	12.5	11.6	16.3	15.6	14.9	8.9	13.4	13.1	12.5	155.7
2001	13.3	11.2	10.4	21.5	18.1	11.7	10.5	19.1	26.5	18.3	14.4	13.9	188.8
2002	15.4	22.8	15.1	22.6	22.6	15.9	25.1	11.6	18.2	20.6	15.5	22.8	228.0
2003	20.2	14.0	16.2	19.8	19.8	23.4	10.6	21.5	16.7	9.4	8.6	16.2	196.4

1/Permits issued by the Division of Animal Health, Wisconsin Department of Agriculture, Trade and Consumer Protection. 2/Months will not necessarily add to annual total due to rounding.

COMMERCIAL LIVESTOCK SLAUGHTER: By Months, Wisconsin, 1999-2003

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual 1/
BEEF CATTLE 2/													
Number (thousand head)													
1999	137.5	129.4	147.8	143.7	131.1	148.0	136.6	147.2	144.2	144.5	152.9	156.6	1,719.4
2000	147.7	141.2	153.8	127.1	146.3	152.1	133.6	154.3	139.0	150.2	150.8	139.0	1,735.1
2001	159.9	130.5	145.0	134.8	139.2	131.5	128.0	141.5	124.6	147.2	141.0	135.6	1,658.8
2002	150.1	127.5	131.1	138.3	133.9	134.0	142.9	141.2	137.9	148.8	136.3	143.3	1,665.3
2003	152.2	130.8	139.2	141.4	137.4	136.7	140.1	138.3	150.3	150.6	118.5	133.4	1,668.8
Average liveweight (pounds)													
1999	1,271	1,274	1,288	1,278	1,279	1,279	1,271	1,247	1,260	1,266	1,270	1,278	1,272
2000	1,291	1,299	1,305	1,297	1,299	1,306	1,289	1,289	1,280	1,296	1,307	1,302	1,297
2001	1,302	1,299	1,302	1,285	1,296	1,315	1,296	1,298	1,308	1,310	1,303	1,325	1,303
2002	1,342	1,351	1,352	1,328	1,335	1,327	1,310	1,311	1,307	1,321	1,321	1,320	1,327
2003	1,318	1,315	1,291	1,292	1,299	1,302	1,281	1,269	1,270	1,259	1,275	1,284	1,288
Total liveweight (million pounds)													
1999	174.8	164.8	190.4	183.7	167.7	189.3	173.6	183.5	181.6	183.0	194.2	200.2	2,186.8
2000	190.7	183.3	200.8	164.8	190.0	198.6	172.3	199.0	178.0	194.7	197.1	180.9	2,250.1
2001	208.1	169.5	188.8	173.2	180.4	172.9	165.8	183.7	163.1	192.8	183.7	179.7	2,161.8
2002	201.4	172.2	177.2	183.6	178.7	177.8	187.3	185.2	180.2	196.5	180.1	189.2	2,209.5
2003	200.6	172.0	179.6	182.7	178.4	178.0	179.4	175.6	190.8	189.5	151.1	171.2	2,148.9
STEERS AND HEIFERS 3/													
Number (thousand head)													
1999	56.7	54.5	67.1	68.4	65.9	75.6	66.3	65.0	63.4	62.1	61.4	63.7	770.0
2000	60.2	59.2	66.6	52.8	61.0	64.8	57.5	64.7	54.7	63.2	60.8	54.5	720.3
2001	55.7	46.4	53.9	55.6	57.6	60.0	53.6	63.2	56.0	60.9	54.2	55.2	672.2
2002	56.5	51.0	56.3	59.5	60.0	61.1	61.1	63.4	62.2	63.9	57.9	58.7	711.8
2003	54.8	44.1	46.4	50.1	53.4	58.1	55.6	51.4	55.8	49.7	35.8	39.9	594.9
SLAUGHTER COWS, TOTAL 3/													
Number (thousand head)													
1999	74.8	69.0	74.0	68.8	59.0	65.3	64.0	74.7	73.3	74.3	84.2	84.8	866.2
2000	80.7	75.7	79.7	68.3	78.6	80.8	70.4	82.3	77.3	78.4	83.2	78.8	934.3
2001	97.3	78.8	85.1	73.5	75.0	65.8	68.0	71.8	62.5	78.0	81.3	74.5	911.7
2002	86.7	71.5	69.9	72.8	68.2	67.5	75.9	72.0	69.5	77.4	73.0	78.9	883.2
2003	91.0	81.4	87.3	85.3	78.1	72.8	78.0	80.5	87.3	93.0	77.4	87.4	999.4
SLAUGHTER COWS, DAIRY 3/													
Number (thousand head)													
1999	60.0	54.9	58.9	55.2	47.8	53.2	52.4	61.2	59.6	59.8	68.0	68.6	699.8
2000	65.3	59.7	63.8	53.7	62.5	63.8	56.4	66.7	63.3	65.5	68.5	65.0	754.5
2001	80.2	62.2	67.6	59.0	59.6	53.7	53.3	54.3	47.5	59.5	61.7	58.2	716.7
2002	66.2	51.6	52.9	55.9	52.6	51.7	57.1	56.0	54.4	58.1	54.3	58.4	669.1
2003	66.8	57.1	62.2	62.7	58.0	50.9	56.6	56.1	64.2	68.1	59.9	64.4	727.0
SLAUGHTER COWS, OTHER 3/													
Number (thousand head)													
1999	14.8	14.1	15.1	13.5	11.2	12.1	11.6	13.5	13.7	14.5	16.2	16.2	166.5
2000	15.4	16.0	16.0	14.5	16.1	17.0	14.0	15.6	13.9	12.9	14.7	13.8	179.9
2001	17.1	16.7	17.6	14.5	15.4	12.1	14.8	17.5	15.0	18.6	19.6	16.2	195.0
2002	20.5	19.9	17.1	16.9	15.6	15.8	18.8	15.9	15.1	19.3	18.6	20.4	214.0
2003	24.2	24.2	25.2	22.6	20.1	21.9	21.3	24.4	23.2	24.9	17.5	23.0	272.4

COMMERCIAL LIVESTOCK SLAUGHTER: By Months, Wisconsin, 1999-2003, Continued

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual 1/
CALVES 4/													
Number (thousand head)													
1999	15.4	14.2	15.9	13.7	13.2	13.8	14.1	13.6	13.0	13.1	13.0	13.3	166.4
2000	13.5	13.2	14.3	12.0	12.7	12.9	12.2	12.7	10.8	13.2	12.5	11.6	151.6
2001	12.9	11.5	12.3	11.4	11.7	10.9	10.1	11.4	10.3	12.6	10.4	10.3	135.7
2002	12.4	10.1	13.0	13.0	13.2	10.9	12.7	12.6	10.8	13.7	12.9	13.1	148.3
2003	13.8	12.3	12.2	11.3	11.9	11.1	11.0	10.6	10.8	11.4	10.6	13.7	140.6
Average liveweight (pounds)													
1999	366	389	415	409	411	411	409	410	410	413	415	420	406
2000	425	414	413	414	415	409	410	414	418	422	425	422	417
2001	418	420	424	419	416	413	414	419	420	422	416	429	419
2002	431	428	432	439	452	443	446	438	450	436	456	452	442
2003	461	448	448	453	456	433	429	422	430	427	437	453	442
Total liveweight (million pounds)													
1999	5.6	5.5	6.6	5.6	5.4	5.7	5.8	5.6	5.3	5.4	5.4	5.6	67.6
2000	5.7	5.5	5.9	5.0	5.3	5.3	5.0	5.3	4.5	5.6	5.3	4.9	63.2
2001	5.4	4.8	5.2	4.8	4.9	4.5	4.2	4.8	4.3	5.3	4.3	4.4	56.9
2002	5.4	4.3	5.6	5.7	6.0	4.8	5.7	5.5	4.9	6.0	5.9	5.9	65.6
2003	6.3	5.5	5.5	5.1	5.4	4.8	4.7	4.5	4.6	4.9	4.6	6.2	62.2
ALL HOGS													
Number (thousand head)													
1999	34.1	34.8	40.6	42.4	38.7	42.9	40.6	42.3	39.6	33.9	31.2	32.5	453.7
2000	35.8	36.9	43.0	40.9	44.1	43.0	36.9	41.5	33.6	35.1	32.2	30.6	453.5
2001	38.2	32.6	40.3	39.4	44.2	41.8	39.4	40.7	33.9	37.8	29.9	28.9	447.0
2002	36.3	33.1	41.6	40.9	42.2	41.3	43.3	45.1	37.0	39.8	30.3	31.5	462.5
2003	35.4	32.8	39.6	42.9	44.1	47.7	48.6	43.5	39.6	40.0	32.8	38.8	485.7
Average liveweight (pounds)													
1999	384	400	405	412	413	414	411	399	405	413	424	419	408
2000	416	417	431	433	432	438	427	420	419	428	444	435	428
2001	431	438	438	445	456	452	438	433	430	435	449	442	441
2002	444	450	433	444	442	444	437	431	415	426	432	426	436
2003	436	449	448	450	463	458	442	429	426	429	440	435	443
Total liveweight (million pounds)													
1999	13.1	13.9	16.4	17.5	16.0	17.8	16.7	16.9	16.1	14.0	13.2	13.6	185.1
2000	14.9	15.4	18.5	17.7	19.0	18.8	15.8	17.4	14.1	15.0	14.3	13.3	194.2
2001	16.5	14.3	17.6	17.5	20.2	18.9	17.3	17.7	14.5	16.5	13.4	12.8	197.1
2002	16.1	14.9	18.0	18.2	18.7	18.3	18.9	19.4	15.4	16.9	13.1	13.4	201.4
2003	15.4	14.7	17.8	19.3	20.4	21.8	21.5	18.7	16.8	17.2	14.4	16.9	214.9

1/Months will not necessarily add to total due to rounding. 2/Slaughter cows, steers and heifers combined. 3/Federally inspected slaughter only. 4/Includes slaughter "bobs" and special fed veal calves weighing less than 500 pounds.

NUMBER OF FEDERALLY INSPECTED PLANTS: Wisconsin, 1994-2003

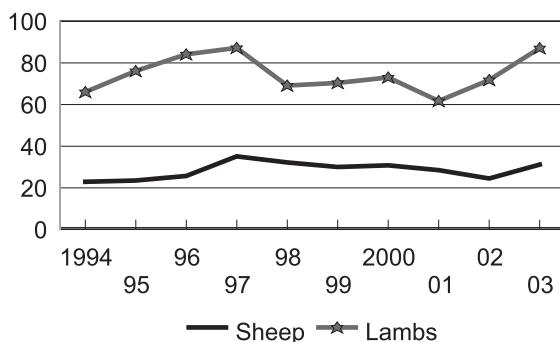
Year	Total	Cattle	Calves	Hogs	Year	Total	Cattle	Calves	Hogs
Number					Number				
1994	16	13	5	9	1999	17	14	7	9
1995	19	13	7	9	2000	17	13	5	9
1996	18	14	6	10	2001	15	12	4	7
1997	18	13	7	9	2002	16	12	5	6
1998	16	13	7	9	2003	16	13	5	7

**SHEEP AND LAMBS: Number on Farms,
Wisconsin, January 1, 2000-2004**

Year	All sheep and lambs	Market	Breeding sheep and lambs		
			One year and over		Replace- ments lambs
			Ewes	Rams	
1,000 head					
2000	83	18	52	3	10
2001	80	14	53	3	10
2002	80	15	52	3	10
2003	83	15	53	3	12
2004	83	15	52	3	13

WISCONSIN SHEEP AND LAMB PRICES

Dollars per hundredweight



SHEEP AND LAMBS: Production, Disposition, and Income, Wisconsin, 1999-2003

Year	All sheep and lambs January 1	Lamb crop	Inshipments	Marketings		Slaughter on farms	Deaths	
			Sheep and lambs	Sheep	Lambs	Sheep and lambs	Sheep	Lambs
1,000 head								
1999	83	73	1.0	9.0	53.0	1	2.5	8.5
2000	83	72	1.5	8.0	59.0	1	2.2	6.3
2001	80	72	2.0	8.0	55.0	1	2.7	7.3
2002	80	73	1.0	7.3	52.6	1	2.6	7.5
2003	83	74	3.3	12.0	52.1	1	2.7	9.5
Year	Production		Marketings		Price per 100 pounds		Cash receipts	
					Sheep	Lambs		
1,000 pounds								
1999	7,498	7,376		30.00	70.40	4,713		
2000	8,262	8,364		30.80	73.00	5,660		
2001	8,313	8,220		28.50	61.70	4,673		
2002	8,294	7,803		24.50	71.80	5,085		
2003	8,303	8,443		31.20	87.10	6,348		

Wool: Production and Value, Wisconsin, 1999-2003

Year	Number of sheep shorn	Weight per fleece	Total pro- duction	Price per pound	Farm value
	1,000 hd.	Pounds	1,000 lbs.	Cents	\$1,000
1999	65	7.3	475	19	90
2000	64	7.4	475	13	62
2001	70	7.1	500	10	50
2002	67	7.2	480	15	72
2003	67	7.2	480	25	120

**CHICKENS: Number on Farms
Wisconsin, December 1, 1999-2003**

Year	Total chickens 1/	Total layers	Layers one year plus	Layers 20 weeks-1 year old	Other pullets 2/
Thousands					
1999	5,437	4,251	2,020	2,231	1,146
2000	5,823	4,448	2,291	2,157	1,345
2001	6,100	4,738	2,450	2,288	1,322
2002	5,600	4,340	2,500	1,840	1,221
2003	5,500	4,320	2,490	1,830	1,150

1/Excludes commercial broilers. 2/Pullets not of laying age.

EGGS: Production and Value, Wisconsin, 1999-2003 1/

Year	Avg. layer during year	Total eggs produced	Eggs per layer	Price per dozen	Value of production
	1,000 hd.	Million	Number	Cents	\$1,000
1999	3,767	1,031	274	41.6	35,736
2000	4,456	1,225	275	47.9	48,878
2001	4,568	1,235	270	50.0	51,407
2002	4,272	1,158	271	51.1	49,318
2003	4,176	1,137	272	58.7	55,618

1/Year is for the period December 1 - November 30.

LAYERS: Average Number, Wisconsin, 1999-2003 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Thousands													
1999	3,582	3,530	3,608	3,657	3,657	3,763	3,867	3,785	3,845	4,083	4,217	4,340	3,767
2000	4,391	4,354	4,445	4,487	4,351	4,272	4,386	4,515	4,673	4,719	4,540	4,470	4,456
2001	4,534	4,611	4,680	4,525	4,492	4,561	4,491	4,559	4,565	4,612	4,721	4,637	4,568
2002	4,397	4,372	4,371	4,243	4,122	4,117	4,158	4,162	4,172	4,201	4,312	4,261	4,272
2003	4,102	4,076	4,161	4,149	4,114	4,147	4,167	4,214	4,191	4,212	4,314	4,284	4,176

1/Year is for the period December 1 - November 30.

EGG PRODUCTION: Wisconsin, 1999-2003 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Million eggs													
1999	82	74	82	81	84	83	91	91	88	95	98	105	1,031
2000	104	96	106	104	99	88	96	104	104	112	107	108	1,225
2001	107	96	106	97	97	99	104	101	98	108	114	117	1,235
2002	105	90	102	91	89	91	99	96	89	92	97	102	1,158
2003	90	80	95	94	96	96	97	96	94	98	99	99	1,137

1/Year is for the period December 1 - November 30.

BROILERS 1/

Production and Gross Income, Wisconsin, 1999-2003

Year	Production		Price per pound	Value of production
	Number	Quantity		
	1,000 head	1,000 pounds	Cents	1,000 dollars
1999	33,800	158,900	36.0	57,204
2000	32,800	147,600	34.0	50,184
2001	31,300	137,700	39.0	53,703
2002	33,800	145,300	30.0	43,590
2003	34,400	154,800	35.0	54,180

1/Year is for the period December 1 - November 30.

LAYERS

Production and Value, Wisconsin, 1999-2003 1/

Year	Quantity of chickens		Price per pound	Value of sales
	Lost	Sold		
	1,000 head		Cents	\$1,000
1999	652	2,234	2.7	247
2000	786	2,052	1.7	136
2001	1,432	1,892	2.4	191
2002	1,049	1,733	2.2	156
2003	1,169	1,468	2.9	179

1/Includes an allowance for roosters. Year is for the period December 1 - November 30.

TROUT: Total Sales, Food Size and Stockers, Pounds Sold and Value, Wisconsin, 2002-2004

Item	Unit	2002	2003
Trout 12 inches and longer			
Number sold	1,000	470	490
Pounds sold	1,000	554	441
Value of sales	\$1,000	1,490	1,455
Average value per pound	Dollars	2.69	3.30
Foodsize sales by outlet			
Live haulers	Percent	1	3/
Fee/recreational fishing	Percent	19	8
Other producers	Percent	3	3/
Direct to consumer	Percent	7	8
Restaurants & retail	Percent	63	69
Other outlets 1/	Percent	5	15
Trout 6 to 12 inches in length			
Number sold	1,000	220	300
Pounds sold	1,000	80	71
Value of sales	\$1,000	212	191
Average value per pound	Dollars	2.65	2.69
Stocker sales by outlet:			
Fee/recreational fishing	Percent	20	35
Direct to consumer	Percent	32	6
Other outlets 2/	Percent	48	59
Trout 1 to 6 inches long			
Number sold	1,000	340	165
Pounds sold	1,000	3	2
Value of sales	\$1,000	58	31
Average per 1,000 fish	Dollars	172.00	185.00
Total sales	\$1,000	1,760	1,677
Distributed for			
Conservation & restoration			
Trout 12 inches and longer	1,000 fish	22	13
Trout 6-12 inches in length	1,000 fish	3,780	3,180
Trout 1-6 inches long	1,000 fish	2,850	5,230
		2003	2004
Number of operations, Jan. 1	Number	65	56
Selling trout	Number	47	39
Distributing trout	Number	21	21

1/Other outlets for foodsize trout sales include government, processors, and other buyers. 2/Other outlets for stocker size trout sales include live haulers, other producers, government, processors, restaurant & retail, and other buyers. 3/Included in "other outlets" to avoid disclosure of individual operations.

HONEY: Production and Value, Wisconsin, 1999-2003

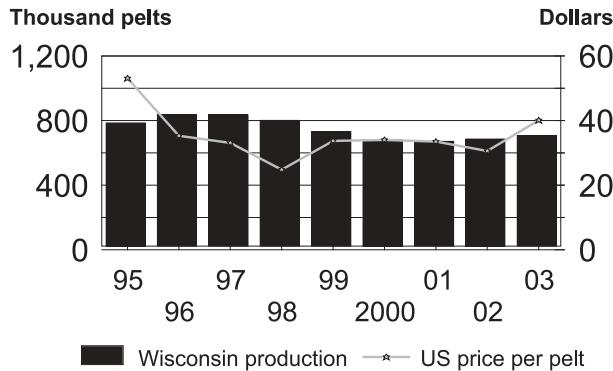
Year	Colonies of bees	Yield per colony	Honey		
			Production	Price per pound	Value of production
	1,000 colonies	Pounds	1,000 pounds	Cents	1,000 dollars
1999	80	75	6,000	68	4,080
2000	84	90	7,560	68	5,141
2001	67	81	5,427	82	4,450
2002	70	95	6,650	134	8,911
2003	74	77	5,698	144	8,205

MINK: Number of Ranches, Females Bred, Pelts Produced, and Value, Wisconsin, 1999-2003

Year	Mink ranches	Females bred	Pelts produced	Average price 1/	Value of pelts
				Number	1,000
1999	82	166.2	731.7	33.70	24.7
2000	70	162.5	680.1	34.00	23.1
2001	69	161.0	672.0	33.50	22.5
2002	69	158.0	685.0	30.60	21.0
2003	69	170.0	706.3	40.10	28.3

1/Average market price, U.S.

MINK PELT PRODUCTION AND PRICE





National Association of State Departments of Agriculture enumerators collect data for the Wisconsin Agricultural Statistics Service. Some NASDA workers who gathered information for this publication are shown on these two pages.



Front Row:

Hilda Dukerschein, Jean Schroeder,
Jon Schneewind, Jim Mehls

Back Row:

Art Riemer, Carl Peterson, Harry Trowbridge,
Roger Wold



Front Row:

George Engel, Paul Schwoerer, Ron Wontor

Back Row:

Norman Shestak, Don Trever, Ernie Anderson



Front Row:

Carol Streich, Diane Qualmann, Andrea Yoss,
Walt Edinger

Back Row:

Gene Behrens, Larry Bischoff, Ed Kaul,
Fred Von Alven, Harry Ditter



Front Row:

Alice Diehl, Jessie Mae Hageman, Bonnie Fruit

Back Row:

Virgil Bendorf, Bryan Wontor



Front Row:

Sarah Calderwood, Bonnie Swan,
Holly Lonning, Sharon Pufahl

Back Row:

Marv Mischka, Neil Micke, Mark Kaiser,
George Eckstrom



Front Row:

Jackie Wallace, Lisa Jacobson, Janet Hoppe

Back Row:

Helen Meeker, George Traut



First Row:

Sandra Spink, Shirley Newlun, Kathryn Stenjem,
Charlotte Shillinglaw, Dean Sailing

Back Row:

Vern Reed, Jack Bertz, Debra Taylor,
Joanne McDonald, Lynn Packard

WISCONSIN CROPS: Usual Planting and Harvesting Dates

Crops	Usual Planting Dates		Usual Harvesting Dates			Principal Producing Areas	
	Begins	Ends	Begins	Most Active	Ends	Districts	Counties
FIELD CROPS							
Corn for Grain	April 25	June 10	Oct. 1	Oct. 15 -Nov. 15	Nov. 30	SC, WC, SW	Dane, Rock, Dodge
Corn for Silage	April 25	June 10	Sept. 10	Sept. 20 -Oct. 15	Nov. 1	EC, SW, SC	Clark, Marathon, Dane
Soybeans	May 5	June 30	Oct. 1	Oct. 15 -Nov. 1	Nov. 10	SC, EC, SW	Dane, Rock, Dodge
Oats	April 1	May 25	July 20	July 30 -Aug. 25	Sept. 5	EC, WC, SW	Grant, Langlade, Dodge
Barley	April 5	May 15	July 15	July 25 -Aug. 20	Sept. 1	NC, EC, WC	Clark, Marathon Kewaunee
Winter Wheat	Sept. 5	Oct. 5	July 15	July 25 -Aug 15	Aug. 20	EC, SC, SE	Fond du Lac, Manitowoc Dodge
Spring Wheat	April 5	May 15	July 25	Aug. 5 -Aug. 25	Sept. 1	NW, NC	Barron, Polk, Clark
Tobacco	May 15	July 5	Aug. 15	Aug. 25 -Sept. 10	Sept. 25	SC, SW	Dane, Vernon, Rock
Potatoes	March 25	May 1	July 20	Aug. 15 -Oct. 1	Oct. 10	C, NE	Portage, Waushara Adams
Alfalfa Hay			June 1		Sept. 30	SW, WC, EC	Grant, Green, Lafayette
All Other Hay			June 10		Sept. 30	NC, NW, WC	Clark, Marathon, Taylor
Mint	April 20	June 1	July 10	July 25 -Aug. 25	Sept. 15	C, SC	Jefferson, Marquette Rock
VEGETABLES							
Carrots (Fr, Pr)	May 15	June 30	Aug. 15	Aug. 25 -Oct. 25	Nov. 15	EC	Manitowoc
Snap Beans (Pr)	May 10	July 10	July 10	Aug. 1 -Sept. 15	Oct. 5	C, NE, NW	Portage, Adams Waushara
Sweet Corn	May 5	June 30	Aug. 5	Aug. 15 -Sept. 25	Oct. 5	C, SC, EC	Portage, Waushara Adams
Green Peas	April 15	May 10	June 15	July 1 -July 20	Aug. 10	C, EC, SC	Sheboygan, Portage Green Lake
Cucumbers for Pickles (Pr)	May 15	June 15	July 25	Aug. 10 -Sept. 15	Oct. 1	C	Portage, Waupaca Waushara

(Fr) - Fresh Market, (Pr) - Processing

CONVERSION FACTORS

One quart of milk weighs 2.15 pounds—one gallon 8.6 pounds—46.5 quarts of milk equals 100 pounds.

Specific gravity of milk at 60 degrees F is 1.032.

100 pounds of 4% milk will yield approximately:

10 pounds cheese and 90 pounds whey or
5 pounds butter and 90 pounds skim milk or
13 pounds dried whole and 1 1/4 pounds 40% cream

100 pounds skim milk will yield approximately:

16 pounds cottage cheese and 84 pounds whey or
3 pounds casein and 94 pounds whey or
9 pounds nonfat dry milk

100 pounds whey will yield approximately:

5 pounds lactose and
1 pound protein and
1/3 pound milkfat

To make one pound of:

Butter
Whole Milk Cheese
Evaporated Milk
Condensed Milk
Whole Milk Powder
Powered Cream
Ice Cream (1 gal)

Cottage Cheese
Nonfat dry milk

Requires:

21.2 pounds whole milk
10.0 pounds whole milk
2.1 pounds whole milk
2.3 pounds whole milk
7.4 pounds whole milk
13.5 pounds whole milk
12.0 pounds whole milk
(15 pounds when including
butter and concentrated
milks)
6.25 pounds skim milk
11.0 pounds skim milk